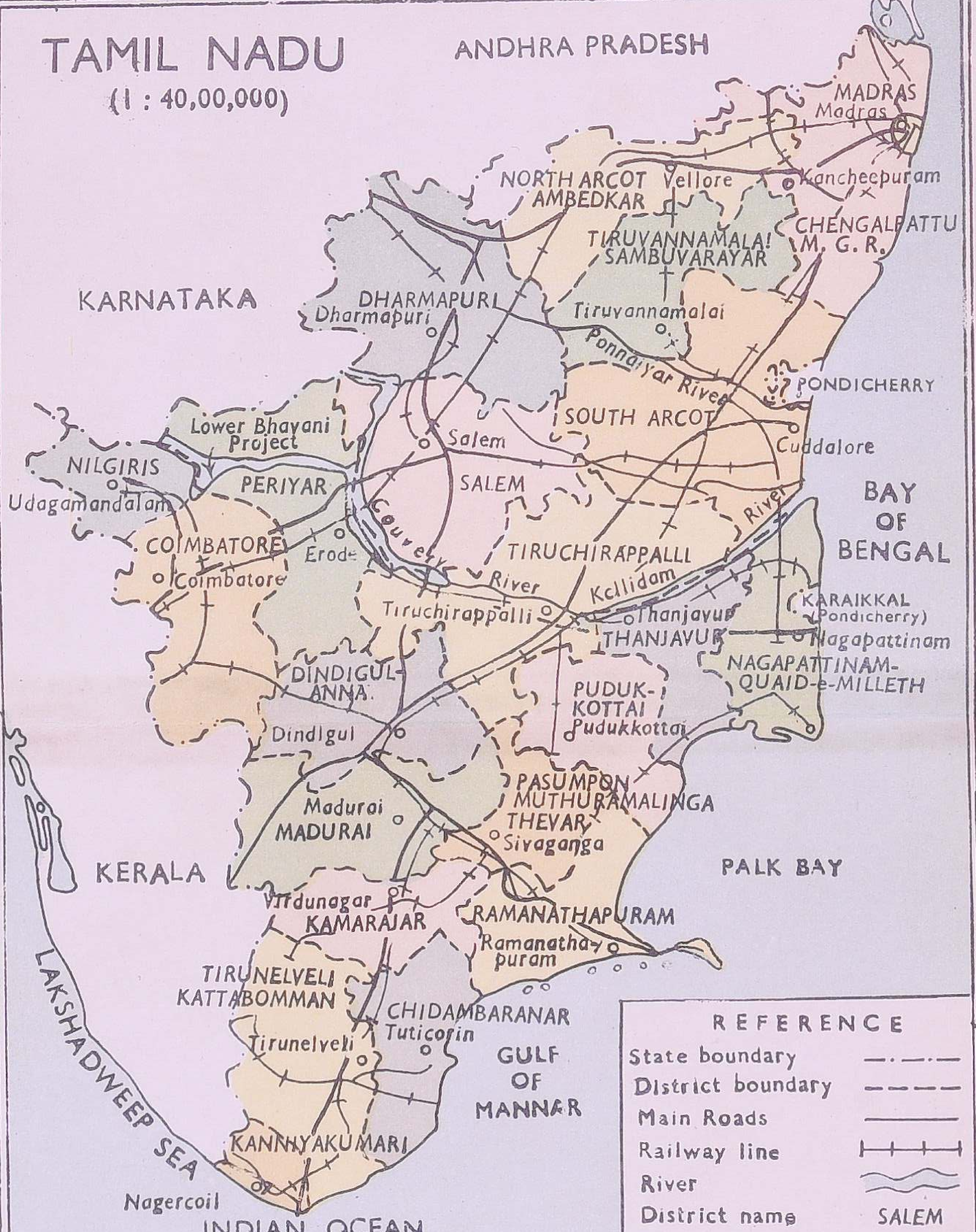
STATISTICAL HAND BOOK OF TAMIL NADU 1991

Issued by
DIRECTOR OF STATISTICS
DEPARTMENT OF STATISTICS
MADRAS

GOVERNOR'S SECRETARIAT
26 JUL 1993
TAMIL NADU



The territorial waters of India extend into the sea to a distance of twelve nautical miles measured from the appropriate base line

Coast line of India appearing in this map agrees with the master copy certified by the Survey of India

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R. No. 41/91

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OF
TAMIL NADU
1991

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DEPARTMENT OF STATISTICS
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PREFACE

The Statistical Hand Book of Tamil Nadu 1991 presents Key Statistical Information in a concise form of different sectors of the economy of Tamil Nadu. The Hand Book is designed to serve as a ready reckoner for those seeking such Statistical Information and such of those who are in need of detailed information may please refer to the respective publications broughtout by this Department from time to time.

The data incorporated in this publication have been collected from various Heads of Departments of both Central and State Governments, Public Sector Undertakings and Private Institutions. I am grateful to them for their kind co-operation in this venture.

Suggestions for further improvement of this publication are welcome.

Madras,
Date : 30th September 1991.

C. SETHU,
Director of Statistics.

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8	Cinema Theatres ..	35.1

NOTE

1. Data furnished in this Hand Book related to Tamil Nadu, unless and otherwise stated.

2. The following symbols and abbreviations have been used in this Hand Book.

(P)	Provisional.
N	Negligible
PR	Partially Revised.
Q.E.	Quick Estimate
(R)	Revised
N.A.	Not Available
TCMPF	Tamil Nadu Co-operative Milk Producers' Fedration.
EA	Endowment Assurance.
A.E.A. ...	Anticipatory Endowment Assurance.
E.S.	Ex-Servicemen.
R.E.	Revised Estimate
B.E.	Budget Estimate
M.U.	Million Units
M.W.	Megawatt
@	Soap only.
@@	All activities.
*	Employment Less than 500.

**	.. ..	Nuts in lakhs.
S.W.	..	Siddha Wings.
A.W.	.. ..	Ayurveda Wings.
H.W.	.. ..	Homoeopathy Wings.
K.V.	.. ..	Kilo Volt
E.H.T.	.. ..	Extra High Tension.
H.T.	.. ..	High Tension.
L.T.	.. ..	Low Tension.
S.C.	.. ..	Scheduled Castes.
S.T.	.. ..	Scheduled Tribes.
D.C.	.. ..	Denotified Communities
M.B.C.	.. ..	Most Backward Classes
B.C.	.. ..	Backward Classes
O.C.	.. ..	Other Castes.
Hrs.	.. ..	Hours.
cu.m.	.. ..	cubic metre.
K.V.A.	.. ..	Kilo Volt Amphre
£	.. ..	in '000' Tonne.
$	.. ..	Less than '000' Tonne.
(E)	.. ..	Estimated
(BL)	.. ..	Bales of 170 kg. lint each.

PART 'A'

GENERAL INFORMATION—I

GOVERNOR OF TAMIL NADU : Thiru BHISHMA NARAIN SINGH

COUNCIL OF MINISTERS WITH THEIR PORTFOLIOS AS ON 27-2-92

1. Dr. J. JAYALALITHA, *Chief Minister* (*C.M.*)	Public, General Administration, Indian Administrative Service, Indian Police Service and other All-India Services, District Revenue Officers, Police, Prevention of Corruption, Industries, Prohibition and Excise, Molasses, Minorities, Hindu Religious and Charitable Endowments, Information and Publicity, Film Technology, Cinematograph Act, Tourism and Tourism Development Corporation, Mines and Minerals, Tamil Development and Tamil Culture, Electronics and Newsprint Control.
2. Dr. V. R. NEDUNCHEZHIAN, *Minister for Finance* *M (F)*	Finance, Planning, Elections and Legislature.
3. Thiru K. A. KRISHNASAMY, *Minister for Law* *M (L)*	Law, Courts, Prisons, Legislation on Weights and Measures, Debt Relief including Legislation on Money-lending, Chits and Registration of Companies,

4. Thiru S.D. SOMASUNDARAM, *Minister for Revenue* *M (R)*	Revenue, District Revenue Establishment, Deputy Collectors, Registration. Stamp Act, Stationery and Printing, Government Press, Bhoodan and Gramdan, Passports and Commercial Taxes.
5. Thiru ERAAMA VEERAPPAN, *Minister for Backward Classes* *M (BC)*	Backward Classes, Most Backward Classes and Denotified Communities. Indians' Overseas, Refugees and Evacuees and Welfare of Ex-servicemen.
6. DR. C. ARANGANAYAGAM, *Minister for Education* *M (Edn.)*	Education, Technical Education, Science and Technology, Sports and Youth Welfare and Archaeology.
7. Thiru S. MUTHUSAMY, *Minister for Health* *M (H)*	Health, Medical Education, Family Welfare and Environmental Pollution Control.
8. Thiru K.A. SENGOTTAYAN, *Minister for Transport* *M (T)*	Transport, Nationalised Transport, Motor Vehicles Act, Ports, Forests and Cinchona.
9. Thiru E. MADHUSUDHANAN, *Minister for Handlooms and Textiles* *M (H & T)*	Handlooms and Textiles.

10. Thiru S. KANNAPPAN, *Minister for Public Works* *M (P.W.)*	Public Works, Irrigation including Minor Irrigation, Highways, Electricity. Non-conventional Energy Development and Iron and Steel Control.
11. Thiru ALAGU THIRUNAVUKKARASU, *Minister for Local Administration* *M (L.A.)*	Municipal Administration, Rural Development, Panchayats and Panchayat Unions, Poverty, Alleviation Programmes, Rural Indebtedness and Urban and Rural Water Supply.
12. Thiru G. VISWANATHAN, *Minister for Food and Co-operation* *M (F & C)*	Food, Co-operation, Civil Supplies, Price Control and Statistics.
13. Thiru S. REGUPATHY, *Minister for Labour* *M(Lt.)*	Labour, Employment and Training, Urban and Rural Employment Programmes and Census.
14. Thiru KU. PA. KRISHNAN, *Minister for Agriculture* *M (A)*	Agriculture, Agricultural Engineering, Agro Service Co-operatives, Horticultnre, Sugarcane Cess and Sugarcane Development.

15 Thiru T. M. SELVA-GANAPATHY, *Minister for Housing and Urban Development* *M (H & U.D.)*	Housing, Slum Clearance, Rural Housing Development, Accommodation Control. Town Planning, Urban Development and Madras Metropolitan Development Authority.
16. THIRUMATHI INDIRA KUMARI, *Minister for Social Welfare* *M (S.W.)*	Social Welfare including Women's and Children's Welfare, Nutritious Noon Meals, Beggar Homes, Orphanages, Correctional Administration.
17. Thiru M. ANANDAN, *Minister for Adi-Dravidar Welfare* *M (A.D.W.)*	Adi-Dravidar Welfare, Hill Tribes, Bonded Labour, Animal Husbandry, Milk and Dairy Development.
18. Thiru D. JAYAKUMAR, *Minister for Fisheries.*	Fisheries.
19. Thiru S. NAGOORMEERAN, *Minister for Rural Industries* *M (R.I.)*	Small Scale Industries, Rural Industries including Cottage Industries, Khadi and Village Industries Board and Wakf.

GENERAL INFORMATION—II

CHAIRPERSON, STATE PLANNING COMMISSION

The Honourable Dr. J. JAYALALITHA

Chief Minister of Tamil Nadu

CHIEF JUSTICE OF MADRAS HIGH COURT

The Honourable Thiru Justice Dr. A. S. ANAND

CHIEF SECRETARY TO GOVERNMENT

THIRU T. V. VENKATRAMAN, I.A.S.,

CHAIRMAN, TAMIL NADU PUBLIC SERVICE COMMISSION.

THIRU T. LAKSHMINARAYANAN, I.A.S.,

PART 'B'

TAMIL NADU AT A GLANCE

GEOGRAPHICAL POSITION—

North Latitude	..	Between 8° 5' and 13° 35'
East Longitude	..	Between 76° 15' and 80° 20'

AREA AND POPULATION—(1991 CENSUS)—(P)

1. Area (Sq. Km.)	..	1,30,058
2. Population	..	5,56,38,318
3. Density ..	..	428
4. Literates ..	..	3,03,83,416
5. Main workers—		
(*a*) Cultivators	..	65,00,380
(*b*) Agricultural Labourers.		69,64,693
(*c*) Household Industry.		9,28,626
(*d*) Other Workers		74,29,006
6. Marginal Workers		13,92,939
7. Total Workers		2,32,15,644
8. Non-workers		3,24,22,674

VITAL STATISTICS : 1989—

1. Birth ..	..	9,79,378
2. Death ..	..	3,43,149
3. Infant deaths	..	25,245

STATE INCOME – (1989-90)

1. State Income in 1980-81 Prices (Rs. in lakhs) ..	10,31,858
2. State Income at current prices (Rs. in lakhs) ..	21,56,190

STATE FINANCE—

Overall Budget: 1991-92—Budget Estimate (Rs. in lakhs)

1. Revenue Account—	
(*a*) Revenue	5,58,503
(*b*) Expenditure	5,95,503
(*c*) Surplus (+) or Deficit (—)	(—) 37,000
2. Capital Account—	
(*a*) Receipts	1,79,504
(*b*) Disbursement	1,63,235
(*c*) Surplus (+) or Deficit (—)	(+) 16,269
3. Miscellaneous Remittances (Nett)	..
4. Overall surplus (+) or Deficit (—)..	(—) 12,821

5. Receipt on Revenue Account by Principal Heads

A. Tax Revenue—	4,63,806
(*a*) Share from Central Taxes	1,09,813
(*b*) State Taxes	3,53,993
B. Non-Tax Revenue—	94,697
Total Revenue	5,58,503

6. Expenditure on Revenue Account by Principal Heads.

A. Development Expenditure ..	4,15,576
(*a*) Social and Community Services	2,46,526
(*b*) Economic Services ..	1,69,050
B. Non-Development Expenditure	1,79,927
(*c*) General Services ..	1,68,927
(*d*) Compensation and Assignments to Local Bodies.	11,000
Total Expenditure ..	5,95,503

TEMPERATURE (IN DEGREES-CENTIGRADES)—1990-91—

(*a*) *Plains* :	
(i) Maximum	44.0
(ii) Minimum	4.0
(*b*) *Hill Stations* :	
(i) Maximum . ..	27.2
(ii) Minimum .. .	3.2

RAINFALL (IN m. m.) 1990-91—

(a) Normal 925.0

(b) Actual (P) 715.1

AGRICULTURE—1989-90—

(a) Total area (Hect.) 1,30,20,848

(b) Nett area sown (Hect.) .. 56,62,387

(c) Gross area sown (Hect.) .. 68,22,154

(d) Area and production of principal crops :

Crop.	Area (hect.) in "000"		Production "000" (Tonne).	
	1989–90	1990–91*	1989–90	1990–91*
(1)	(2)	(3)	(4)	(5)
1. Rice ..	1,963	1873	6,063	5,762
2. Millets and .. other Cereals	1,240	1,149	1,520	1,453
3. Pulses ..	821	868	334	351
4. Sugarcane (Gur)	222	239	2,507	2,666
5. Groundnut	1,016	940	1,211	1,151
6. Gingelly ..	140	140	45	35
7. Castor ..	20	27	6	9
8. Cotton (BL)	281	217	508	393

* Forecast Estimates

IRRIGATION—1989-90—

(*a*) Nett area irrigated by (hect):

(i) Covernment canals	7,89,971
(ii) Private canals	540
(iii) Tanks	5,22,673
(iv) Tube wells	1,72,642
(v) Other wells	99,59,28
(vi) Other sources	14,807
(vii) Total Nett area irrigated ..	24,96,561
(*b*) Gross area irrigated	30,44,541

LIVESTOCK AND POULTRY POPULATION—

(As per 1989 Livestock Census)—

(i) Cattle	9,35,31,41
(ii) Buffaloes.	31,28,256
(iii) Sheep	58,80,788
(iv) Goats	59,19,713
(v) Poultry	2,15,70,238

Veterinary Institution :—1990-91—

(*a*) Veterinary Hospitals	55
(*b*) Veterinary Hospital-*cum*-Key Village Centres.	2
(*c*) Veterinary Dispensaries	734
(*d*) Veterinary Dispensaries-*cum*-Key Village Centres.	24
(*e*) Cleanician Centres	22

Dairy Development : (1990-1991)—

(*a*) Dairies	15
(*b*) Milk Chilling Plants	44

Poultry Development—1990-91—

(*a*) Chicks produced in hatcheries (in lakhs).	27.12
(*b*) Birds sold for breeding (in lakhs) ..	26.52
(*c*) Birds sold for Table (in lakhs) ..	1.22

Г sheries—1990-91—

(*a*) Length of coastal line (Km.) ..	1,000
(*b*) Number of coastal districts	9
(*c*) Number of Costal Centers	449
(*d*) Marine Fish Production (tonne)—	
(*a*) Non-mechanised	12,3383
(*b*) Mechanised	168278
(*c*) Inland fish production (tonne) ..	82,000

FORESTS—1988-89—

(a) Forest area (hect.)—	22,722.42
1. Reserved forests	19,073.46
2. Unclassed forests	3,035.10
3. Reserved lands	613.86
(b) Out-turn of Forest Produce—	
1. Timber (cu.m.)	1,180
2. Fuelwood (cu.m.)	65,805
3. Pulpwood (tonne)	2,457.43
4. Sandalwood (tonne)	1,033
5. Rubber (tonne)	3,268
6. Bamboo (tonne)	2,399
7. Tea green leaves (tonne)	16,200
8. Wattle Bark (tonne)	23,307
9. Eta Reeds (tonne)	1,214
10. Cashew tonne	6.97

Electricity 1990–91

A. Generation of Electricity (in m.u.)	
(a) Hydro	3,982
(b) Wind Mill generation ..	30
(c) Thermal	9,207
(d) Power Purchased	7,575

B. Consumption of Electricity (in M.U.)(P)

(*a*) Agriculture	3,890
(*b*) Industry	6,891
(*c*) Commercial	1,338
(*d*) Domestic	2,236
(*e*) Public lighting	200
(*f*) Sales to licences	535
(*g*) Sales to other States	109
(*h*) Miscellaneous	583

C. Per capita consumption .. .. 280 units

D. Power demand—

(*a*) Intantanious peek demand ..	3,119 M.W at 7.50 Hrs on 15-1-91
(*b*) Sustained peek demand	3,093.6 M.W. between 19.00 and 19.30 Hrs on 25-3-91

E. Rural Electrification—

Item.	*During the year.*	*Up to the end of the year.*
(1)	(2)	(3)
1 Number of pumpsets energised.	41,170	13,18,671
2 Number of Towns electrified	..	439
3 Number of Villages Electrified	2	15,815
4 Number of Hamlets electrified.	21	47,725

Name of the Product.	Unit.	Production.
(1)	(2)	(3)
1 Sugar (Refined)	(Tonne)	1,02,4419
2 Vanaspathy	Do.	27,654
3 Refined Oil	Do.	6,690
4 Tea (Processed)	Do.	1.00,867
5 Coffee (Cured)	Do.	10,533
6 Cotton Yarn	Do.	4,38,552
7 Cotton Woven Piece Goods	'000' metres.	1,60,571
8 Tyres (All types)	No.	82,16,000
9 Tubes (All types)	Do.	30,18,000
10 Superior Kerosene	Tonne	8,20,023
11 High Speed Diesel Oil	Do.	16,32104

12	Ammonia	Tonne	497,636
13	Caustic Soda	Do.	90,221
14	Urea	Do.	9,30,557
15	Super Phosphate	Do.	2,26,781
16	Mixed Fertilizers	Do.	10,52,758
17	Pesticides	Do.	34,005
18	Safety Matches	'000'Gross Boxes	2,43,620
19	Cement	Tonne	38,60,000
20	Iron and Steel (Metal)	Do.	316,782
21	Castings (Iron and Steel)	Do.	79,318
22	Non-ferrous (Metal)	Do.	59,23
23	Tractors	Nos.	20,993
24	High pressure boilers and fittings	Tonne	1,28,206
25	Diesel Engines	No.	97,169

Name of the Product.	Unit.	oduction.
(1)	(2)	(3)
26 Power Driven Pumps	No.	1,87,227
27 Electric Motors	Do.	1,90,598
28 Dry Cells	Lakhs	13,58,00
29 Railway Coaches	No.	979
30 Railway Wagons	Do.	254
31 Completed Motor Vehicles	Do.	..
32 Motor Vehicles Chassis..	Do.	20,262
33 Motor Cycles	Do.	1,90,293
34 Bicycles	Do.	11,27,281
FACTORIES 1990—		
1 Number of working factories		14,975
2 Number of Mandays worked		24,24,50,365

3 Number of Trade Unions	5,026
4 Number of Strikes	236
5 Number of Lock-outs	29

KHADI AND VILLAGE INDUSTRIES 1990-91—

Item.	*Production (Rupees in lakhs).*	*Sales (Rupees in lakhs).*	*Employment (Lakh persons).*
(1)	(2)	(3)	(4)
A KHADI—			
1 Cotton	3302.88	3,094.21	0.75
2 Silk	1561.10	1605.19	0.04
3 Muslin	162.07	60.04	0.02
4 Woollen	..	106.84	..
Total ..	5,026.05	48,68.28	0.81
B VILLAGE INDUSTRIES	27,935.03	29768.99	8.57
Total (A+B)	32,961.08	34,635.27	9.3[illegible]

MEDICAL AND HEALTH 1989-90—

Item.	Number of Institutions.		
	Allopathy.	Indian Medicines.	Homoeo-pathy.
(1)	(2)	(3)	(4)
1 Hospitals	262	3	2
2 Dispensaries	183	671	30
3 Primary Health Centres	1,386	252	..
4 Beds in Hospitals and Dispensares	4,2592	12.59	50
5 Total No of Doctors	83.56	488	60
6 Total No Nurses	16,330	70	7

Note : Local Bodies, Voluntary organisation and Private agencies particulars have not been included.

EDUCATION 1989-90—

	Number of Institutions.
1. Universities	14
2. Arts and Science Colleges	209
3. Colleges for professional Education ..	
(a) Medicine—	
(i) Allopathy	20
(ii) Indian Medicine	5
(iii) Homoeopathy	1
(b) Engineering and Technology	42
(c) Agriculture	6
(d) Veterinary	2
(e) Law	6
4. Colleges for Special Education ..	18
5. Schools for General Education ..	40,103

	Number of Institutions.
6. Schools for Professional Education ..	83
7. Schools for special Education	113
8. Institutions for other Professional Education	351

TRANSPORT AND COMMUNICATION—

(*a*) Road length (km.) (as on 31st March 1989)

1. National Highways	2,002
2. State Highways	46,343
3. Corporation and Municipalities Road	9,190
4. Panchayat Union and Panchayat Road	9,7,200
5. Town Panchayat and Townships Road	12,465
6. Forest Road	3,300

(*b*) Registered Motor Vehicles (1990-91)—

1. Commercial	Nos. ..	2,08,391
2. Non-Commercial	Nos. ..	1,33,0350

(*c*) Railway Length, (as on 31 March 1991)

(*c*)1. Route length (km.)—	4.004.39
(i) Broad Guage	1,132.96
(ii) Meter Guage	2,871.43
2. Track Length (km.)	6693.03
(i) Broad Guage	2.779.72
(ii) Meter Guage	3,913 31
3. Number of Railway Stations	690
(*d*) Number of Sea Ports 1990-91	10
(*e*) Number of Air Ports 1990-91	4
(*f*) Post & Telegraph 1990-91—	
1. Post Offices doing postal business alone	73,46
2. Post Offices doing Post and Telegraphs business	46,31

(*g*) Telephones 1990-91—

(i) Number of Telephones in use	5,38,936
(ii) Number of Public Call Offices	14,895

CO-OPERATION—1989-90—

(a) Co-operative Banks	332
(b) Agricultural Credit Societies including Lamps	1,614
(c) Housing Co-operative Societies	1,224
(d) Employees Co-operative societies	1,632
(e) Lift Irrigation Societies	375
(f) Weavers Co-operative Societies	1,680
(g) Industrial Co-operatives	407
(h) Khadi & Village Industries Societies	1,513
(i) Primary Co-operative Stores	3,788
(j) Co-operative Sugar Mills	15

Registrations 1989-90—

(*a*) Number of Registration Offices ..	578
(*b*) Aggregate value of property transferred (Rs. in crores).	2,678.91
(*c*) Total Receipts (Rs. in crores) ..	28.53

Community Development—1990-91—

(*a*) Number of Development Districts ..	25
(*b*) Number of Blocks covered ..	384
(*c*) Population covered (lakhs)	366
(*d*) Area covered (sq. km.)	1,12,538.59
(*e*) Villages covered	12,612
Employment Exchangs	37

Bank and Insurance—

(*a*) Bank Offices 1990	42,74
(*b*) Insurance 1990-91	
(i) Offices	138
(ii Policies issued	4,141,750
(iii) Sum assured (Rs. in crores) ..	8928.90

Trade—1989 (Rs. in lakhs) (P)

(*a*) Value of Exports	3,17,303
(*b*) Value of Imports	46,28,54

Legislature— 1990-91

1. Members of the Legislative Assembly—	
(*a*) Elected	234
(*b*) Nominated	1
2. Members of Parliament (Lok Sabha)—	39
3. Members of Parliament (Rajya Sabha)	18

Police and Prisions 1990—

(*a*) Police—	
1. Police Force	
(i) Local	37,089
(ii) Armed Reserve	14,095
2. Police Stations	1,061
3. Police Out posts	180
(*b*) Prisons—	
1. Central Prisons	8
2. Other Prisons	124

Revenue Administrative Divisions 1990-91—

(*a*) Revenue Districts	21
(*b*) Revenue Divisions	60
(*c*) Revenue Taluks	172
(*d*) Revenue Firkas	1,181
(*e*) Revenue Villages	17,275

Local Bodies 1990-91—

(*a*) Corporations	3
(*b*) Municipalities	98
(*c*) Township Committees (Municipal Act)	8
(*d*) Township (Panchayats Act)	16
(*e*) Panchayat Unions	384
(*f*) Town Panchayats..	632
(*g*) Village Panchayats	12,612

Cinema Theatres 1990-91—

(*a*) Permanent :—	
(i) Air-conditioned	127
(ii) Non-Air-conditioned..	1,330
(*b*) Open Air Theatres	6
(*c*) Semi-permanent	229
(*d*) Touring	1,068

Honourable Chief Minister's Nutritious Meals Programme 1990-91—

(*a*) Total Centres	66,231
(*b*) Total Beneficiaries	77,40,827
(*c*) Old-age pension Beneciaries ..	5,15,429

PART—C
SELECT ECONOMIC INDICATORS

1. *Area and Population*—

1. Density of population per sq. km., (As per 1991 Census).	428 (P)
2. Literacy Rate (As per 1991 Census) ..	54.6 (P)
3. Percentage of workers to total population (As per 1991 Census).	41.72 (P)
4. Percentage of Scheduled Castes to total Population (As per 1981 Census).	18.35
5. Percentage of Scheduled Tribes to total population (As per 1981 Census).	1.07
6. Sex Ratio (Female per 1,000 males) (As per 1991 Census).	972 (P)
7. Percentage of Literate Scheduled Castes to Total Scheduled Castes population (As per 1981 Census).	29.67
8. Percentage of literate scheduled tribes to Total Scheduled Tribes population (as per 1981 Census).	20.46
9. Birth-rate Per 1000 (1989)	23.1 (P)
10. Death-rate Per 1000 (1989)	8.6 (P)
11. Infant Mortality Rate (1989)	68.0 (P)

2. *State Income* 1989—90

1. Per Capita Income at current Prices Rs. ..	3,894
2. Nett State domestic product at current prices (Rs. in lakhs).	21,56,190

I. *Agriculture and Irrigation* 1989-90—

1. Percentage of cultivated area to total area	52.39
2. Nett area sown per Capita (hect) (1991 Base) ..	10.18
3. Percentage of area sown more than once to nett area sown	20.48
4. Percentage of nett area Irrigated to nett area sown ..	44.09
5. Percentage of gross area Irrigated to gross area sown ..	44.63
6. Yield-rate per hectare (Kgs.)—	
(*a*) Rice	3,038
(*b*) Cholam	1,184
(*c*) Cumbu	1,112
(*d*) Ragi	1,995
(*e*) Maize	1,544
(*f*) Cotton	307
(*g*) Sugarcane (Gur)	11,277
(h) Groundnut	1,193
7. Number of Tractors (as per 1989 Livestock) per thousand hectares of net area sown	5

8. Minimum wages paid to Agricultural Labourers per day in Rupees—1989))

(*a*) Field Labourer	(i) Men	.. ..	14.68
	(ii) Women	.. ..	10.82
(*b*) Tending Cattle	(i) Men	.. ..	8.09
	(ii) Women	.. ..	4.16
(*c*) Other Agricultural Labourer	(i) Men	.. ..	18.76
	(ii) Women	.. ..	9.46

4. *Live Stock and Animal Husbandry*—1990-91—

1. Livestock served per veterinary Institution in numbers.	16,136
2. Number of villages served per Veterinary Institution.	21

5. *Electricity* 1990-91—

1. Percentage of consumption electricity by purpose—

(*a*)	Domestic	14
(*b*)	Commercial ..	8
(*c*)	Industrial	44
(*d*)	Public Lighting ..	1
(*e*)	Sales to licencees ..	3
(*f*)	Agriculture	25
(*g*)	Sales to other States ..	1
(*h*)	Miscellaneous ..	4

2. Percentage of villages electrified to total villages 92.

6. *Employment*

Average daily employment in registered working factories per lakh of population (based on 1991 population) .. 1,431

7. ***Medical*** **1989-90—**

Population served per	(*a*)	Medical Institution	4,720
	(*b*)	Bed	1,222
	(*c*)	Doctor	6,162
	(*d*)	Nurse	3,344

8. *Education* 1989-90—

1. Average number of students per Institution :

(*a*)	Primary Stage	185
(*b*)	Middle Stage	530
(*c*)	High School Stage	494
(*d*)	Higher Secondary Stage	1,219

2. Teacher—Pupil Ratio :

(*a*) Primary Stage	46
(*b*) Middle Stage	46
(*c*) High School Stage	35
(*d*) Higher Secondary Stage..	33

3. Number of Primary (including pre-primary schools) Schools per lakh of population (1989 projected population) ..	54
4. Number of Middle schools per lakh of population (1989 Projected population)	10
5. Number of High Schools per lakh of population (1989 Projected population)	6
6. Number of Higher Secondary Schools per lakh of population (1989 Projected population)..	3

9. *Transport*—

1. Surfaced Road length per hundred sq. km. of area (Kms.) (1988-89)	82.56
2. Surfaced Road length per 10,000 of population—(1988 Projected population)	19.84
3. Number of motor vehicles per 10,000 of population 1990-91	277

10. *Communication*—(1990-91)—

Population served per Post and Telegraph Office (1991) 4,611

11. *Community Development*—1990-91—

Population served per community Development block .. 95,396

12. *Small Savings*—1990-91—

Per capita nett small saving (in Rs.) 71.76

13. *Five-Year Plans*—1990-91—

Percentage of Annual Plan Expenditure to total Outlay (Rs. in lakhs)—Budget Estimate—

(*a*) Agriculture and allied services 11.35

(*b*) Industry and Minerals 6.30

(*c*) Irrigation, Power and Flood control 35.95

(*d*) Others 46.40

Part D
STATISTICAL TABLES

PART—D.

STATISTICAL TABLES

1 AREA AND POPULATION

TABLE 1.1 (a).

AREA/POPULATION AND LITERATE BY DISTRICTS

(1991 CENSUS)

State/District.	Area. (Sq.Km.)	Region.	Population		
			Persons.	Males.	Females.
(1)	(2)	(3)	(4)	(5)	(6)
STATE	130,058	Total ..	55,638,318	28,217,947	27,420,371
		Rural ..	36,611,285	18,466,088,	18,145,177
		Urban	19,027,033	9,751,859	9,275,174
1 Madras	174	Total ..	3,795,028	1,966,408	1,828,620
		Rural ..	..	..	..
		Urban	3,795,028	1,966,408	1,828,620

2 Chengalpattu-M.G.R.	7,857	Total ..	4,620,967	2,361,017	2,259,950
		Rural ..	2,549,401	1,289,217	1,260,184
		Urban	2,071,566	1,071,800	999,766
3 North Arcot-Ambedkar.	6,077	Total ..	3,000,208	1,510,157	1,490,051
		Rural ..	2,047,192	1,031,660	1,015,532
		Urban	9,53,016	478,497	474,519
4 Dharmapuri ..	9,622	Total ..	2,395,606	1,232,292	1,163,314
		Rural ..	2,170,183	1,116,692	1,053,491
		Urban	225,423	115,600	109,823
5 Tiruvannamalai-Sambuvarayar.	6,191	Total ..	1,997,458	1,007,566	989,892
		Rural ..	1,755,775	885,508	570,267
		Urban	241,683	122,058	19,625
6 South Arcot	10,895	Total ..	4,870,871	2,475,544	2,395,327
		Rural ..	4,103,044	2,082,602	2,020,442
		Urban	767,827	392,942	374,885

TABLE 1.1(*a*)— *cont.*

(1)	(2)	(3)	(4)	(5)	(6)
7 Salem	8,649	Total ..	3,914,239	2,025,652	1,888,587
		Rural ..	2,784,672	1,446,569	1,338,103
		Urban	1,129,567	579,083	550,484
8 Periyar	8,209	Total ..	2,322,851	1,184,841	1,138,010
		Rural ..	1,747,366	890,109	857,257
		Urban	575,485	294,732	280,753
9 The Nilgiris ..	2,549	Total ..	704,827,	354,732	350,095
		Rural ..	353,746	176,725	177,021
		Urban	351,081	178,007	173,074

10 Coimbatore ..	7,469	Total ..	3,531,078	1,848,629	1,682,449
		Rural ..	1,652,639	840,555	812,084
		Urban	1,878,439	1,008,074	870,365
11 Dindigul-Anna ..	6,058	Total ..	1,768,679	896,442	872,237
		Rural ..	1,392,234	705,080	687,154
		Urban	376,445	191,362	185,083
12 Tiruchirappalli ..	11,096	Total ..	4,114,323	2,074,415	2,039,908
		Rural ..	3,014,698	1,515,984	1,498,714
		Urban	1,099,625	558,431	541,194
13. Thanjavur ..	8,280	Total	4,526,709	2,268,389	2,258,320
		Rural	3,988,447	1,748,495	1,739,952
		Urban	1,038,262	519,894	518,368

TABLE 1.1 (*a*)—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)
14. Pudukkottai	4651,	Total	1,322,494	659,241	663 253
		Rural	1,133,792	564,568	569,224
		Urban	188,702	94,673	94,029
15. Pasumpon Muthu-ramalinga Thevar	4,686	Total	1,074,989	529,703	545,286
		Rural	787,111	384,639	402,472
		Urban	287,878	145,064	142,814
16. Madurai ..	6,565	Total	3,447,595	1,748,126	1,699,469
		Rural	1,896,446	959,338	937,108
		Urban	1,551,149	788,788	762,361
17. Kamarajar ..	4,283	Total	1,554,350	779,086	775,264
		Rural	970,627	484,092	486,535
		Urban	583,723	294,994	288,729

18. Ramanathapuram	4,232	Total	1,135,887	562,387	573,500
		Rural	886,195	436,960	449,235
		Urban	249,692	125,427	124,265
19. Chidambaranar	4,621	Total	1,455,796	711,087	744,709
		Rural	853,258	411,896	441,362
		Urban	602,538	299,191	303,347
20. Tirunelveli Kattabomman.	6,810	Total	2,493,189	1,224,319	1,268,870
		Rural	1,702,468	832,254	870,214
		Urban	790,721	392,065	398,656
21. Kanniyakumari	1,684	Total	1,591,174	797,914	793,260
		Rural	1,321,991	663,145	658,846
		Urban	269,183	134,769	134,414

TABLE 1.1 (a)—cont.

State/District. (1)	*Area.* (*Sq. Km.*) (2)	*Region.* (3)	*Literarte.* *Persons.* (7)	*Male.* (8)	*Female.* (9)
STATE	130,058	Total ..	30,383,416	18,066,226	12,317,190
		Rurl ..	17,424,520	10,756,291	6,668,228
		Urban	12,958,896	7,309,934	5,648,962
1 Madras	174	Total ..	2,753,094	1,525,769	1,227,325
		Rural ..	..	..	..
		Urban	2,753,094	1,525,769	1,227,325
2 Chengalpattu-M.G.R.	7857	Total ..	2,654,763	1,573,942	1,080,821
		Rural ..	1,213,849	755,822	458,027
		Urban	1,440,914	818,120	622,794

3 North Arcot-Ambedkar.	6,077	Total ..	1,572,242	942,766	629,476
		Rural ..	973,751	604,496	369,255
		Urban	598,491	338,270	260,221
4 Dharmapuri ..	9,622	Total ..	954,156	596,509	357,647
		Rural ..	814,224	516,170	298,054
		Urban	139,932	80,339	59,593
5 Tiruvannamalai-Sambuvarayar.	6,191	Total ..	903,421	570,834	332,587
		Rural ..	747,963	481,890	266,073
		Urban	155,458	88,944	66,514
6 South Arcot ..	... 10,895	Total ..	...2,228,722	1,408,126	820,596
		Rural ..	1,712,361	1,108,859	603,502
		Urban	516,361	299,267	217,094

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TABLE 1.1 (*a*)—cont.

(1)	(2)	(3)	(7)	(8)	(9)
7 Salem	8,649	Total ..	1,862,719	1,150,648	712,071
		Rural ..	1,175,040	750,003	425,037
		Urban	687,679	400,645	287,034
8 Periyar	8,209	Total ..	1,131,671	699,609	432,062
		Rural ..	753,926	481,922	272,004
		Urban	377,745	217,687	160,058
9 The Nilgiris ..	2,540	Total ..	449,508	257,352	192,156
		Rural ..	210,543	122,975	87,568
		Urban	238,965	134,377	104,588
10 Coimbatore ..	7,469	Total ..	2,146,864	1,265,603	881,261
		Rural	820,890	503,449	317,441
		Urban	1,325,974	762,154	563,820

11 Dindigul-Anna ..	6,058	Total ..	891,074	546,720	344,354
		Rural ..	631,946	401,166	230,780
		Urban	259,128	145,554	113,574
12 Tiruchirappalli ..	11,096	Total ..	2,211,211	1,337,304	873,907
		Rural ..	1,426,613	902,034	524,579
		Urban	784,598	435,270	349,328
13. Thanjavur ..	8280	Total	2,609,228	1,529,357	1,079,871
		Rural	1,884,248	1,128,735	755,513
		Urban	724,980	400,622	324,358
14. Pudukottai ..	4,651	Total	661,604	410,133	251,471
		Rural	528,010	535,409	192,601
		Urban	133,594	74,724	58,870
15. Pasumpon Muthuramalinga Thevar ..	4,086	Total	591,357	356,260	235,097
		Rural	390,586	242,162	148,424
		Urban	200,771	113,093	86,673

TABLE 1.1 (a)—*cont.*

(1)	(2)	(3)	(7)	(8)	(9)
16 Madurai	6,565	Total	1,836,012	1,107,881	728,131
		Rural	921,611	577,787	343,824
		Urban	914,401	530,094	384,307
17 Kamarajar ..	4,283	Total	852,680	512,427	340,253
		Rural	467,794	291,846	175,948
		Urban	384,886	220,581	164,305
18 Ramanathapuram	4,232	Total	595,879	356,912	238,967
		Rural	428,821	263,547	165,274
		Urban	167,058	93,365	73,693

19. Chidambaranar	4,621	Total	920,049	502,711	417,338
		Rural	494,222	274,129	220,093
		Urban	425,827	228,582	197,245
20. Tirunelveli-Kattabomman.	6,810	Total	1,409,304	814,274	595,030
		Rural	891,190	522,130	369,060
		Urban	518,114	292,144	225,970
21. Kanniyakumari	1,684	Total	1,147,858	601,089	546,769
		Rural	936,932	491,761	445,171
		Urban	210,926	109,328	101,598

Note.—The total of the district area figures will not tally with the state Area figures as the bifurcated district area figures are arrived by adding the respective village/taluk figures. As per Census 1991 the toial of the area figutes of the taluks will not tally with the district figures because the taluk area figures represent the 'Land Use' area and derived from the figures supplied by the Tamil Nadu Directorate of Survey and Land Records while those of the district represents 'Geographical Area' supplied by the Surveyor General of India.

Source : Census of India, 1991.

TABLE 1.1. (b)

AREA, POPULATION, LITERATES, SCHEDULED CASTES AND SCHEDULED TRIBES BY DISTRICTS

(1981 CENSUS)

State/District.	Area (Sq.km.)	Region.	Population.		
			Persons.	Males.	Females.
(1)	(2)	(3)	(4)	(5)	(6)
State	130,058.0	Total	48,408,077	24,487,624	23,920,453
	124,197.3	Rural	32,456,202	16,334,231	16,121,971
	5,860.7	Urban	15,951,875	8,153,393	7,798,482
1 Madras (P)	170.0	Total	32,76,622	1,694,107	1,582,515
	..	Rural	..	..	..
	170.0	Urban	32,76,622	1,694,107	1,582,515

2. Chengalppattu-M.G.R.	7,363.0	Total	3,616,508	1,848.124	1,768.384
	7,213.9	Rural	2,208,722	1,119,065	1,089,657
	649.1	Urban	1,407,786	729,059	678,727
3 North Arcot Ambedkar and Thiruvannamalai Sambuvarayar.	12,268.0	Total	4,414,324	2,230,559	2,183,765
	12,012.1	Rural	3,398,795	1,717,064	1,681,731
	255.9	Urban	1,015,529	513,495	502,034
4. South Arcot ..	10,895.0	Total	4,201,869	2,130,444	2,071,425
	10,611.3	Rural	3,542,246	1,794,416	1,747,830
	288.7	Urban	659,623	336,028	323,595
5. Dharmapuri ..	9,622,0	Total	1,997,060	1,019,362	977,698
	9,551.3	Rural	1,809,876	923,195	886,681
	70.7	Urban	187,184	96,167	91,017
6. Salem ..	8,650.0	Total	3,441,717	1,765,822	1,675,895
	8,343.4	Rural	2,446,054	1,254,878	1,191,176
	306.6	Urban	995,663	510,944	484,719

TABLE 1.1(b)—*cont*

(1)	(2)	(3)	(4)	(5)	(6)
8. Periyar ..	8,209.0	Total	2,068,462	1,057,599	1,010,863
	8,034.9	Rural	1,613,259	8230,74	790,185
	174.1	Urban	455,203	234,525	220678
8 Coimbatore ..	7,469,0	Total	3,060,184	1,569,570	1,490,614
	6,566.0	Rural	1,516,013	770,077	745,936
	903.0	Urban	1,544,171	799,493	744,678
9. The Nilgiris ..	2,549.0	Total	630,169	321,995	308,174
	1 836.8	Rural	1322,321	162,438	159,883
	712.2	Urban	307,848	159,557	148,291

10. Madurai (P) ..	6,901.5	Total	2,970,224	1,505,873	1,464,351
	6,608.8	Rural	1,664,389	838,499	826,390
	292.7	Urban	1,305,335	667,374	637,961
11. Dindigul (P) Anna	6,395.4	Total	1,565,673	790,741	774,932
	6,283.9	Rural	1,227,396	618,671	608,725
	111.5	Urban	338,277	172,070	166,207
12. Tiruchirappalli (P)	11,095.0	Total	3,612,320	1,819,668	1,792,652
	10,745.4	Rural	2,668,596	1,337,866	1,330,730
	349.6	Urban	943,724	481,802	461,922
13. Thanjavur (P) ..	8,280.0	Total	4,063,545	2,043,724	2,019,821
	7,955.5	Rural	3,126,588	1,572,571	1,554,017
	324.5	Urban	936,957	471,153	465,804
14. Pudukkottai(P) ..	4,661.0	Total	1,156,813	576,335	580,478
	4,604.9	Rural	1,005,145	498,681	504,464
	56.1	Urban	153,668	77,654	76,014

TABLE 1.1.(b)—*cont*

(1)	(2)	(3)	(4)	(5)	(6)
15. Kamarajar(P). .	4,270.3	Total	1,340,907	669,772	671,135
	4,179.4	Rural	869,335	431,458	437,877
	90.9	Urban	471,572	238,314	233,258
16. Pasumpon Muthuramalinga Thevar (P)	4,126.5	Total	972,756	475,554	497,202
	3,954.3	Rural	719,148	348,958	370,190
	172.2	Urban	253,608	126,596	127,012
17. Ramanatha-puram. (P)	4,221.0	Total	1,021,774	503,096	518,678
	4,038.1	Rural	806,000	395,050	410,950
	182.9	Urban	215,774	108,046	107,728

18. Tirunelveli Kattabomman.	6,779.7	Total	2,223,170	1,091,018	1,132,152
	6,461.6	Rural	1,520.199	742,375	777,824
	318.1	Urban	702,971	348,643	354,328
19. Chidambaranar	4,649.3	Total	1,350,581	657,303	693,278
	4,255.1	Rural	815,753	391,989	423,764
	394.2	Urban	534,828	265,314	269,514
20 Kanniyakumari	1,684.0	Total	1,423,399	716.958	706,441
	1,641.3	Rural	1,177,867	593,906	583,961
	42.7	Urban	245,532	123,052	122,480

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TABLE 1.1(b)—*cont.*

State/ District.		*Literates.*		
		Persons.	*Males.*	*Females.*
(1)		(7)	(8)	(9)
State	T	22,637,659	14,267,331	8,370,328
	R	12,516,223	8,356,454	4,159,769
	U	10,121,436	5,910,877	4,210,559
1. Madras (P)	T	2,241,149	1,280,772	960,377
	R	..	..	..
	U	2,241,149	1,280,772	960,377
2. Chengalpattu M.G.R. ..	T	1,735,904	1,103,788	632,116
	R	855,250	575,640	279,610
	U	880,654	528,148	352,506

3. North Arcot-Ambedkar and Thiruvannamalai-Sambuvarayar.	T	1,805,086	1,192,829	612,257
	R	1,228,244	849,926	378,318
	U	576,842	342,903	233,939
4. South Arcot	T	1,545,288	1,052,086	493,202
	R	1,139,191	813,383	325,808
	U	406,097	238,703	167,394
5. Dharmapuri	T	579,163	397,306	181,857
	R	474,949	334,728	140,221
	U	104,214	62,578	41,636
6. Salem	T	1,352,381	881,948	470,433
	R	799,698	548,267	251,431
	U	552,683	333,681	2,19,002
7. Periyar	T	823,494	547,428	276,066
	R	553,803	384,123	169,680
	U	269,691	163,305	106,386

TABLE 1.1(b)—*cont.*

(1)		(7)	(8)	(9)
8. Coimbatore	T	1,625,083	1,005,175	619,908
	R	635,859	418,466	217,393
	U	989,224	586,709	402,515
9. The Nilgiris	T	356,168	218,122	138,046
	R	165,056	103,850	61,206
	U	191,112	114,272	76,840
10. Madurai (P)	T	1,506,144	942,121	564,023
	R	663,775	450,774	213,001
	U	842,369	491,347	351,022

11. Dindigul Anna (P)	T	642,201	423,836	218,365
	R	439,100	303,932	135,168
	U	203,101	119,904	83,197
12. Tiruchirappalli (P)	T	1,647,804	1,068,290	584,514
	R	1,013,981	696,507	317,474
	U	633,823	366,783	267,040
13. Thanjavur ..(P)	T	2,046,358	1,280,056	766,302
	R	1,436,077	929,547	506,530
	U	610,281	350,509	259,772
14. Pudukkottai (P)	T	447,619	309,143	138,476
	R	349.871	251,763	98,108
	U	97,748	57,380	40,368
15. Kamarajar(P)	T	639,393	406,809	232,584
	R	353,044	236,032	117,012
	U	286,349	870,777	115,572

TABLE 1.1(b)—*cont.*

(1)		*Persons.* (7)	*Males.* (8)	*Females.* (9)
16. Pasumpon Muthuramalinga Thevar (P)	T	434,608	281,396	153,212
	R	272,455	187,448	85,007
	U	162,153	93,948	68,205
17. Ramanathapuram(P)	T	437,472	283,005	154,467
	R	306,001	206,299	99,702
	U	131,471	76,706	54,765
18. Tirunelveli-Kattabomman ..	T	1,105,910	675,755	430,155
	R	687,193	429,054	258,139
	U	418,717	246,701	172,016

19. Chidambaranar	T	757,540	430,967	326,573.
	R	414,697	241,015	173,682
	U	342,843	189,952	152,891
20. Kanniyakumari	T	908,894	491,499	417,395
	R	727,979	395,700	332,279
	U	180,915	95,799	85116

TABLE 1.1(b)—*cont.*

State/District (1)		*Scheduled Castes* Persons (10)	Males (11)	Females (12)
State	T	8,881,295	4,485,332	4,395,963
	R	7.090.664	3,576,237	3,514,427
	U	1.790.631	909,095	881,536
1 Madras (P)	T	4,37,916	2,24,863	213,053
	R	..	..	..
	U	4,37,916	2,24,863	213,053
2 Chengalpatu-MGR	T	947,789	481,145	466,644
	R	732,890	371,848	361,042
	U	214,899	109,297	105,602

3 North Arcot-Ambedkar and Thiruvannamalai Sambuvarayar.	T	877,804	441,700	436,104
	R	741,758	373,609	368,149
	U	136,046	68,091	67,955
4 South Arcot	T	1,091,353	552,485	538,863
	R	1,011,447	512,179	499,268
	U	79,906	40,306	39,600
5 Dharmapuri	T	276,714	141,499	135,215
	R	260,948	133,503	127,445
	U	15,766	7,996	7,770
6 Salem	T	560,267	286,928	273,339
	R	463,298	237,626	225,672
	U	96,969	49,302	47,667
7 Periyar	T	538,477	172,614	165,863
	R	297,057	151,532	145,525
	U	41 420	21,082	20,338

TABLE 1.1(b)—*cont.*

(1)		(10)	(11)	(12)
8 Coimbatore	T	496,855	251,906	244,949
	R	297,166	150,811	146,355
	U	199,689	101,095	98,594
9 The Nilgiris	T	145,174	73,200	71,974
	R	70,889	35,621	35,268
	U	74,285	37,579	36,706
10 Madurai (P)	T	410,842	207,940	202,902
	R	326,148	164,815	161,333
	U	84,694	43,125	41,569

11 Dindigul Anna	T	284,400	143,864	140,536
	R	253,606	128,245	125,361
	U	30,794	15,619	15,175
12 Tiruchirappalli (P)	T	672,697	337,013	335,684
	R	583,888	291,770	292,118
	U	88,809	45,243	43,566
13 Thanjavur (P)	T	943,343	478,133	465,210
	R	869,739	440,622	429,117
	U	73,604	37,511	36,093
14 Pudukkottai (P)	T	191,732	96,126	95,606
	R	178,907	89,496	89,411
	U	12,825	6,630	6,195
15 Kamarajar (P)	T	232,908	117,032	115,876
	R	192,585	96,640	95,945
		40,323	20,392	19,931

TABLE 1.1 (b)—*cont*,

(1)		(10)	(11)	(12)
16 Pasumpon Muthuramalinga Thevar (P)	T	147,063	72,037	75,026
	R	130,385	63,434	66,951
	U	16,678	8,603	8,075
17 Ramanathapuram(P)	T	176,320	88,422	87,898
	R	160,851	80,624	80,227
	U	15,469	7,798	7,671
18 Tirunelvli Kattabomman ..	T	377,477	183,554	193,923
	R	302,628	146,970	155,658
	U	74,849	36,584	38,265

19 Chidambaranar	T	211,991	104,822	107,169
	R	165,176	81,380	83,796
	U	46,815	23,442	23,373
20 Kanniyakumari	T	60,173	30,049	30,124
	R	51,298	25,512	25,786
	U	8,875	4,537	4,338

TABLE 1.1(b)—*cont.*

State/District		*Scheduled Tribes*		
		Persons	*Males*	*Females*
(1)		(13)	(14)	(15)
State	T	520,226	264,288	255,938
	R	469,810	238,801	231,009
	U	50,416	25,487	24,929
1 Madras (P)	T	5,373	2,733	2,640
	R	..	..	..
	U	5,373	2,733	2,640
2 Chengalpattu M.G.R. ..	T	46,050	23,468	22,582
	R	36,874	18,798	18,076
	U	9,176	4,670	4,506

3 North Arcot-Ambedkar and Thiruvannamalai Sambuvarayar.	T	93,690	48,079	45,611
	R	89,557	46,014	43,543
	U	4,133	2,065	2,068
4 South Arcot	T	53,775	27,791	26,384
	R	51,960	26,453	25,507
	U	1,815	938	877
5 Dharmapuri	T	46,074	23,735	22,339
	R	44,986	23,189	21,797
	U	1,088	546	542
6 Salem	T	122,444	62,014	60,430
	R	121,193	61,358	59,835
	U	1,257	656	595
7 Periyar	T	15,191	7,835	7,356
	R	14,193	7,320	6,873
	U	998	515	483

TABLE 1.1(b)—*cont.*

(1)		(13)	(14)	(15)
8 Coimbatore	T	22,358	11,596	10,762
	R	20,487	10,628	9,859
	U	1,871	968	903
9 The Nilgiris	T	20,874	10,507	10,367
	R	14,433	7,278	7,155
	U	6,441	3,229	3,212
10 Madurai (P)	T	8,018	4,060	3,95
	R	4,885	2,491	2,394
	U	3,133	1,569	1,564

11. Dindigul Anna (P)	T	5,628	2,826	2,802
	R	3,893	1,950	1,943
	U	1,735	876	859
12. Tiruchirappalli (P)	T	48,294	24,061	24,233
	R	44,627	22,224	22,403
	U	3,667	1,837	1,830
13. Thanjavur (P)	T	6,012	3,006	3,006
	R	2,653	1,361	1,292
	U	3,359	1,645	1,714
14. Pudukkottai (P)	T	1,516	722	794
	R	1,217	575	642
	U	299	147	152
15. Kamarajar (P)	T	4,301	2,041	2,260
	R	3,378	1,592	1,786
	U	923	449	474

TABLE 1.1(b)—*cont.*

(1)		(13)	(14)	(15)
16. Pasumpon Muthuramalinga Thevar (P)	T	1,621	817	804
	R	761	385	372
	U	860	428	432
17. Ramanathapuram (P) ..	T	695	363	332
	R	50	28	22
	U	645	335	310
18. Tirunelveli-Kattabomman ..	T	6,281	3,062	3,219
	R	4,295	2,047	2,248
	U	1,986	1,015	971

19. Chidambaranar	T 5,673	2,725	2,948
	R 4,506	2,125	2,381
	U 1,167	600	567
20. Kanniyakumari	T 6,358	3,247	3,111
	R 5,862	2,981	2,881
	U 496	266	230

NOTE.—The total of the District area figures will not tally with the State Area figures as the bifurcated district area figures are arrived by adding the respective village/taluk figures. As per Census 1981 the total of the area figures of the taluks will not tally with the district figures because the taluk area figures represent the 'Land use' area and derived from the figures supplied by the Tamil Nadu Directorate of Survey and Land Records while those of the district represent 'Geographical Area' supplied by the Surveyor-General of India.

Source: Census of India, 1981.

T—Total R—Rural U—Urban

TABLE 1.2

POPULATION BY BROAD INDUSTRIAL CATEGORIES OF WORKERS 1981.

Serial number and Industrial Category.	*Tamil Nadu.*		*All India.*	
	Persons.	*Percentage to total workers.*	*Persons.*	*Percentage to total workers.*
(1)	(2)	(3)	(4)	(5)
1. Total Main Workers ..	19,026,393	94.20	22,25,16,574	90.96
(*a*) Cultivators	5,559,103	27.52	9,25,22,835	37.82
(*b*) Agricultural Labourers	6,037,601	29.89	5,54,99,704	22.69
(*c*) Household Industry, Manufacturing, Processing, Servicing and Repairs	898,277	4.45	7,710,920	3.15
(*d*) Other Workers ..	6,531,412	32.34	66,783,115	27.30

Marginal Workers	1,172,397	5.80	22,088,412	9.04
Total Workers	20,198,790	100.00	244,604,986	100.00
Non-Workers ..	28,209,287	..	420,682,863	..
Total Population ..	48,408,077	..	665,287,849	..

Source : Census of India, 1981.

TABLE 1.3

POPULATION BY RELIGION 1981

Religion.	Persons in Tamil Nadu.	Variation since 1971.	Percentage.	
			Tamil Nadu.	All India.
(1)	(2)	(3)	(4)	(5)
Hindus	43,016,546	+ 17.29	88.86	82.64
Muslims ..	2,519,947	+ 19.78	5.21	11.35
Christians	2,798,048	+ 18.17	5.78	2.43
Sikhs	4,395	+ 0.92	0.01	1.96
Buddhists	735	— 35.98	N	0.71
Jains	49,564	+ 20.60	0.10	0.48

Other Religions	16,972	+	179.14	0.04	0.42
Religion not stated	1,870	+	171.01	N	0.01
Total Population ..	48,408,077		..	100.00	100.00

Source : Census of India, 1981.

TABLE 1.4

POPULATION BY AGE GROUPS.—1981

Age Groups.	*Persons in Tamil Nadu* 1981 *in '00'.*	*Percentage to total in Tamil Nadu.*	*Percentage to total in All India.*
(1)	(2)	(3)	(4)
0–14	168,318	34.77	39.70
15–29	131,093	27.08	26.13
30–44	92,754	19.16	17.22
45–50	60,391	12.48	10.74
60 + ...	31,525	6.51	6.21
Total ..	484,081	100.00	100.09

Source : Expert Committee on Population Projections, Registrar-General of India, New Delhi.

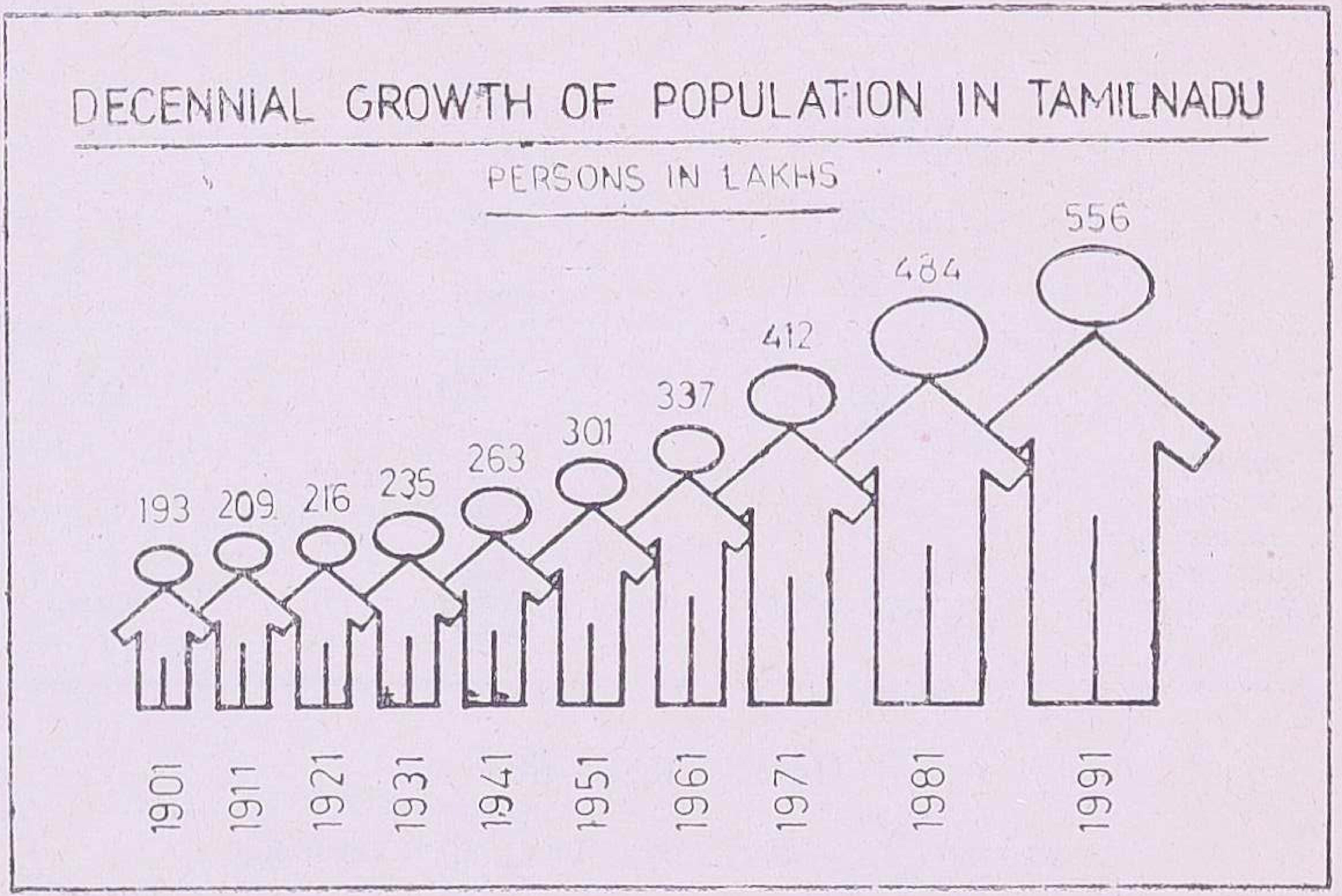
DECENNIAL GROWTH OF POPULATION IN TAMILNADU
PERSONS IN LAKHS
193
209
216
235
263
301
337
412
484
556
1901
1911
1921
1931
1941
1951
1961
1971
1981
1991

TABLE 1.5

POPULATION OF TAMIL NADU DECENNIAL GROWTH

(SINCE 1901 TO 1991)

Period.	*Region.*	*Population.*	*Percentage variation since previous Census.*
(1)	(2)	(3)	(4)
1901	Total	19,252,630	..
	Rural	16,527,849	..
	Urban	2,724,781	..

1911	..	Total	20,902,616	+	8.57
		Rural	17,753,479	+	7.41
		Urban	3,149,137	+	15.57
1921	.. ..	Total	21,628,518	+	3.47
		Rural	18,200,439	+	2.52
		Urban	34,28,079	+	8.86
1931	.. ..	Total	23,472,099	+	8.52
		Rural	19,241,717	+	5.72
		Urban	4,230,382	+	23.40
1941	.. ..	Total	26267507	+	11.91
		Rural	21093825	+	9.63
		Urban	5173682	+	22.30
1951	.. ..	Total	30,119,047	+	14.66
		Rural	22,785,522	+	8.02
		Urban	7,333,525	+	41.75

TABLE 1.5—*con.*

(1)	(2)	(3)	(4)
1961	Total	33,686,953	+ 11.85
	Rural	24,696,425	+ 8.39
	Urban	8,990,528	+ 22.59
1971	Total	41,199,168	+ 22.30
	Rural	28,734,334	+ 16.35
	Urban	12,464,834	+ 38.64
1981	Total	48,408,077	+ 17.50
	Rural	32,456,202	+ 12.95
	Urban	15,951,875	+ 27.98

1991	Total	55,63,8318	..	14.94
	Rural	3,66,11,285	..	12.80
	Urban	1,90,27,033	..	19.28

Source: Census of India, 1991.

TABLE 1.6

DISTRICT WISE DENSITY SEX RATIO PERCENTAGE INCREASE IN POPULATION SINCE 1971.

Serial number and district/State.	*Density per Sq. Km.*	*Females per 1,000 males.*	*Increase in population since 1971 per cent.*
(1)	(2)	(3)	(4)
1 Madras	19,274(P)	934	27.04 (S)
2 Chenglpattu-MGR	460	957	24.38
3 North Arcot-Ambedkar and Tiruvannamalai-Sambuvarayar	360	979	17.53
4 South Arcot	386	972	16.15
5 Dharmapuri	208	959	19.03
6 Salem	398	949	15.01
7 Periyar	252	956	15.11

8	Coimbatore	410	950	18.79
9	The Nilgiris	247	957	27.55
10	Madurai	430 (p)	972	21.79
11	Dindugal-Anna	245 (p)	980	11.89
12	Tiruchirappalli	326 (p)	985	13.16
13	Thanjavur	491 (p)	988	14.46
14	Pudukkottai	248 (p)	1,007	22.11
15	Kamarajar	314 (p)	1,002	16.45
16	Pasumpon Muthuramalinga Thevar	236 (p)	1,046	12.44
17	Ramanathapuram	242 (P)	1,031	21.12
18	Tirunelveli-Kattabomman	328 (p)	1,038	11.73
19	Chidambaranar	291 (p)	1,055	11.62
20	Kanniyakumari	845	985	16.43
	Tamil Nadu	372 (p)	977	17.50

TABLE 1.6—*cont.*

Serial number and District/State (1)	*Urban population per cent.* (5)	*Literacy per cent.* (6)	*Urban area per cent.* (7)
1 Madras	100.00	68.40	100.00
2 Chengalpattu-MGR	38.93	48.00	8.26
3 North Arcot Ambedkar–and Tiruvannamalai-Sambuvarayar ..	23.01	40.89	2.09
4 South Arcot	15.70	36.78	2.60
5 Dharmapuri	9.37	29.00	0.73
6 Salem	28.93	39.29	3 54
7 Periyar	22.01	39.81	2.12
8 Coimbatore	50.46	53.10	12.09
9 The Nilgiris	48.85	56.52	27.94

10 Madurai	43.95	50.71	4.24
11 Dindugal-Anna	21.61	41.02	1.74
12 Tiruchirappalli	26.13	45.62	3.15
13 Thanjavur	23.06	50.36	3.92
14 Pudukkottai	13.28	38.69	1.20
15 Kamarajar	35.17	47.68	2.13
16 Pasumpon Muthuramalinga Thevar	26.07	44.68	4.17
17 Ramanathapuram	21.12	42.81	4.33
18 Tirunelveli-Kattabomman	32.00	49.74	4.69
19 Chidambaranar	39.60	56.09	8.48
20 Kanniyakumari	17.25	63.85	2.54
Tamil Nadu	32.95	46.76	4.51

TABLE 1.6—*cont.*

Serial number and District/State. (1)	*Scheduled castes per cent.* (8)	*Scheduled tribes per cent.* (9)	*Scheduled castes and scheduled tribes per cent.* (10)
1 Madras	13.36	0.16	13.52
2 Chengalpattu-MGR	26.21	1.27	27.48
3 North Arcot–Ambedkar and Thiruvannamalai Sambuvarayar	19.89	2.12	22 01
4 South Arcot	25.97	1.28	27.25
5 Dharmapuri	13.86	2.31	16.17
6 Salem	16.28	3.56	19.84
7 Periyar	16.38	0.73	17.09
8 Coimbatore	16 24	0.73	16.97
9 The Nilgiris	23.04	3.31	26.35

10 Madurai	13.83	0.27	14.10
11 Dindugal-Anna	18.16	0.36	18.52
12 Tiruchirappalli	18.62	1.34	19.96
13 Thanjavur	23.21	0.15	23.36
14 Pudukkottai	16.57	0.13	16.70
15 Kamarajar	17.37	0.32	17.69
16 Pasumpon Muthuramalinga Thevar	15.12	0.16	15.28
17 Ramanathapuram	17.26	0.06	17.32
18 Tirunelveli-Kattabomman ..	16.98	0.28	17.26
19 Chidambaranar	15.70	0.42	16.12
20 Kanniyakumari	4.23	0.45	4.68
Tamil Nadu ..	18.35	1.07	19.44

Source : Census of India, 1981
(S) Revised as per Part 11 (A) General Population Tables 1981

2. VITAL STATISTICS

TABLE 2.1

BIRTHS AND DEATH BY DISTRICTS 1989

Serial number and district.	*Mid year estimated population.*	*Number of Births*	*Number of death.*
(1)	(2)	(3)	(4)
1 Madras	40,56,000	99,459	33,702
2 Chengalpattu-MGR ..	43,85,000	66,848	24,900
3 Coimbatore	35,62,000	58,246	20,098
4 Dharmapuri	23,22,000	31,298	98,26
5 Kanniyakumari	16,22,000	32,969	97,55
6 Madurai	33,83,000	62,087	18,882
7 North Arcot-Ambedkar ..	30,21,000	64,908	20,580
8 Tiruvannamalai- Sambuvarayar	20,52,000	33,222	14,262
9 Periyar	23,32,000	37,916	14,861

10 Pudukkottai	13,80,000	18,236	61,26
11 Ramanathapuram	11,76,000	19,214	46,43
12 Salem	38,77,000	71,289	24,637
13 South Arcot	47,76,000	82,036	33,179
14 Thanjavur	45,58,000	80,552	31,474
15 The Nilgiris	7,83,000	10,207	34,65
16 Tiruchirappalli	40,11,000	70,860	28,345
17 Tirunelveli-Kattabomman	24,43,000	40,033	12,523
18 Kamarajar	15,30,000	27,538	82,03
19 Pasumpon Muthuramalinga Thevar	10,99,000	17,618	54,79
20 Dindigul-Anna	17,65,000	30,367	116,14
21 Chidambaranar	14,82,000	24,475	65,95
Total ..	5,56,15,000	9,793,78	34,3149

TABLE—2.1—*cont.*

Serial number and district. (1)	*Infant Death* (5)	*Still Birth* (6)	*Maternal Death* (7)
1 Madras	4,459	1,823	96
2 Chengalpattu-MGR.. ..	1,254	862	81
3 Coimbatore	1,410	1,607	55
4 Dharmapuri	312	382	66
5 Kanniyakumari	655	368	17
6 Madurai	1,447	1,246	77
7 North Arcot-Ambedkar	1,789	1,458	82
8 Tiruvannamalai–Sambuvarayar ..	1,356	535	60

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9 Periyar	781	840	58
10 Pudukkottai	135	365	32
11 Ramanathapuram	200	280	36
12 Salem	2393	1,037	95
13 South Arcot	31,44	1,101	168
14 Thanjavur	1,600	1,537	136
15 The Nilgiris	295	391	9
16 Tiruchirappalli	1,364	1,409	102
17 Tirunelveli Kattabomman	660	728	96
18 Kamarajar	608	672	47
19 Pasumpon Muthuramalinga Thevar	198	285	21
20 Dindigul Anna	818	749	23
21 Chidambaranar	367	318	28
Total ..	25,245	17,993	1386

Source : Director of Public Health, Madras

TABLE-2.2

BIRTH, DEATH AND INFANT MORTALITY RATES IN TAMIL NADU
(Sample Regn, System)

Year.	Birth Rate.					
	Tamil Nadu.			India.		
	R	U	T	R	U	T
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1981	29 .7	23.9	28.0	35.6	27.0	33.9
1982	29.2	24.9	27.7	35.5	27.6	33.8
1983	29.0	25.9	27.9	35.3	28.0	33.6
1984	28.4	27.2	28.0	35.3	29.4	33.9
1985	25.2	23.8	24.7	34.3	28.1	32.9
1986	24.1	23.1	23.8	34.2	27.1	32.6
1987	24.1	23.7	24.0	33.7	27.4	32.2
1988	23.4	22.4	22.7	33.1	26.3	31.5
1989 (P)	23.5	22.2	23.1	32.0	25.0	30.5

Year.	Death Rate.					
	Tamil Nadu			India.		
	R	U	T	R	U	T
(1)	(8)	(9)	(10)	(11)	(12)	(13)
1981	13.5	7.9	11.8	13.7	7.8	12.5
1982	13.4	7.4	11.2	13.1	7.4	11.9
1983	13.4	8.5	11.7	13.0	7.7	11.9
1984	11.9	8.7	20.8	13.8	8.6	12.6
1985	10.9	6.9	9.5	13.0	7.8	11.8
1986	10.7	7.1	9.5	12.2	7.6	11.1
1987	11.1	7.6	9.9	12.0	7.4	10.9
1988	10.3	7.3	9.3	12.0	7.7	11.0
1989 (P]	9.7	6.6	8.6	11.1	7.1	10.2

TABLE 2.2—*cont.*

Year.	Infant Mortality Rate.					
	Tamil Nadu.			India.		
	R	*U*	*T*	*R*	*U*	*T*
(1)	(14)	(15)	(16)	(17)	(18)	(19)
1981	104	55	91	119	62	110
1982	97	51	83	114	65	105
1983	101	59	88	114	66	105
1984	90	54	78	113	66	104
1985	95	53	81	107	59	97
1986	93	54	80	105	62	96
1987	86	54	76	104	61	95
1988	84	51	74	102	62	94
1989 (P)	80	43	68	98	58	91

Source : Director of Public Health and Preventive Medicine, Madras.
R—Rural U—Urban T Total

TABLE 2.3

DEATH BY CAUSES 1989.

Cause.	Number of Death.	Death Rate.
(1)	(2)	(3)
1 Cholera	25	0.0004
2 Dysentry and Diarrohea	8917	0.1603
3 Malaria	4	0.000
4 Typhoid	617	0.011
5 Other fevers	48,273	0.868
6 Tuberculosis	15,774	0.284
7 Others	1,6824	0.303
8 Accident and Injuries	82,63	0.149

TABLE 2.3—*cont.*

(1)	(2)	(3)
9 Heart diseeses	52,654	0.947
10 Other specifieddiseases	40,827	0.734
11 All Other Causes..	1,50971	2.715

Source : Director of Public Health, Madras.

TABLE 2.4

EXPECTATION OF LIFE AT BIRTH—1981 Census

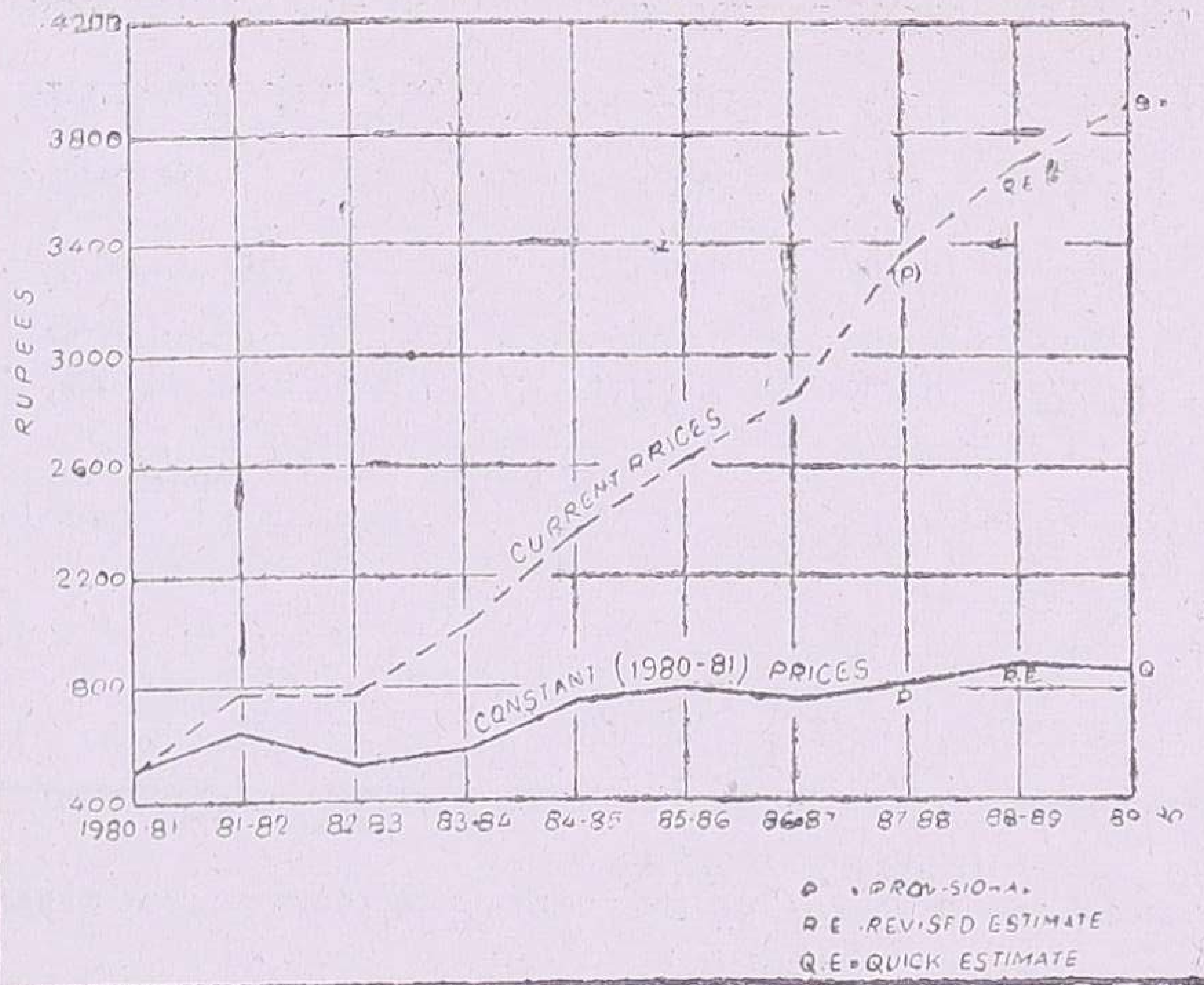
Period.	Tamil Nadu.		South Zone.		India.	
	Males.	Females.	Males.	Females.	Males.	Females.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1891–1901 ..	26.21	27.13	..	..	23.60	23.96
1901–1911 ..	25.92	27.65	..	..	22.59	23.31
1911–1921 ..	19.75	24.23	..	..	19.42	20.91
1921–1931 ..	28.71	30.94	..	..	26.91	26.56
1931–1941 ..	35.03	36.17	..	..	32.09	31.37
1941–1951 ..	36.22	37.23	..	..	32.45	31.66

TABLE 2.4—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
1951-1961 ..	41.09	39.24	41.09	39.24	41.89	40.55
1961-1971 ..	47.50	46.50	47.52	46.40	46.40	44.70
1971-1981 ..	52.50	51.90	NA	NA	51.40	50.20

Source: Report of the Expert Committee on Population Projection.

PER CAPITA INCOME



3. STATE INCOME

TABLE 3.1

NETT STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN AT CURRENT PRICES.

STATE : TAMIL NADU (RUPEES IN LAKHS.)

Industry.	1980–81	1981–82	1982–83	1983–84	1984–85
(1)	(2)	(3)	(4)	(5)	(6)
1 Agriculture Forestry and Fishing (1.1+1.2+1.3) ..	1,83,559	2,34,136	1,86,724	2,67,795	3,09,269
1.1 Agriculture and Allied Activities ..	1,77,319	2,26,550	1,77,478	2,58,412	2,99,074
1.2 Forestry and Logging ..	1,698	1,901	2,392	1,769	2,179
1.3 Fishing	4,542	5,685	6,854	7,614	8,016
2 Mining and Quarrying ..	3,503	4,827	5,824	5,859	7,157
A. SUB-TOTAL : PRIMARY .. (1+2)	1,87,062	2,38,963	1,92,548	2,73,654	3,16,426
3 Manufacturing (3.1+3.2)	1,97,899	2,26,625	2,55,326	2,65,324	3,25,366

3.1 Registered	107,907	1,22,296	1,49,437	1,41,627	1,85,216
3.2 Unregistered	89,992	1,04,329	1,06,389	1,23,697	1,40,150
4 Electricity, Gas and Water Supply ..	3,140	2,825	3,936	2,830	4,924
5 Construction ..	40,689	48,179	51,984	58,644	65,334
B. SUB-TOTAL : SECONDARY (3+4+5)	2,41,728	2,77,629	3,11,746	3,26,788	3,95,624
6 Trade, Hotels and Restaurants	1,21,754	1,47,594	1,51,821	1,66,325	1,81,998
7 Transport, Storage add Communication (7.1+7.2+7.3+7.4) ..	42,174	50,612	58,483	67,750	83,055
7.1 Railways :	2,556	4,231	4,995	5,224	5,378
7.2 Transport by other means ..	31,817	36,990	42,075	49,027	63,659
7.3 Storage	933	1,140	1,228	1,428	1,692
7.4 Communication	6,868	8,251	10,185	12,071	12,326
8 Financing, Insurance Real Estate and Business Services. (8.1+8.2) ..	59,473	75,838	81,990	90,485	1,09,302
8.1 Banking and Insurance ..	23,462	36,097	37,506	41,792	53,888

TABLE 3.1—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)
8.2 Real Estate, Ownership of Dwellings and Business Services.	36,011	39,741	44,484	48,693	55,414
9 Community, Social and Personal Services. (9.1+9.3)	69,625	77,034	85,501	97,222	1,16,370
9,1 Public Administration ..	25,677	25,852	28,773	31,057	40,716
9.2 Other Services	43,948	51,182	56,723	66,165	75,654
C. SUB-TOTAL: TERTIARY (6+7+8+9) ..	2,93,026	3,51,078	3,77,795	4,21,782	4,90,725
10 Nett State Domestic Product (A+B+C)	7,21,816	8,67,670	8,82,029	10,2,2224	12,02,775
Population in (00)	4,81,844	4,88,478	4,96,443	5,04,966	5,13,701
Per Capita (Rs.)	1,498	1,776	1,777	2,024	2,341

Industry (1)	1985–86 (R) (7)	1986–87 (R) (8)	1987–88 (P) (9)	1988–89 (RE) (10)	1989–90 (QE) (11)
A. Agriculture Forestty and Fiseing ((1.1+1.2+1.3)	3,23,326	3,31,848	4,41,991	3,99.977	3,72,332
1.1 Agriculture and Allied Activities ..	31,40,74	3,21,819	4,31,691	3,86,245	3,56,419
1.2 Forestry and Logging ..	2 543	3,110	3,150	4,060	4,844
1.3 Fishing	6,708	6,919	7,150	9,672	11,069
2. Mining and Quarrying ..	7,461	7,882	9,370	11,395	12,593
A. SUB-TOTAL PRIMARY (1+2)	3,30,786	3,39,730	4,51,361	4,11,372	3,84,925
3. Manufacturing (3.1+3.2)	3,46,928	3,86,428	4,25,201	5,11,811	5,72,308
3.1 Registered	2,06,197	2,33,802	2,43,726	2,85,883	3,31,477
3.2 Unregistered	1,40,731	1,52,626	1,81,475	2,25,928	2,40,831
4. Electricity, Gas and Water Supply	1,81,32	8,640	13,749	17,545	21,197
5. Construction	73,740	78,967	97,259	1,05,095	1,11,414
B. SUB-TOTAL SECONDARY (3+4+5)	4,38,800	4,74,035	5,36,209	6,34,451	7,04,919

(1)	(7)	(8)	(9)	(10)	(11)
6. Trade Hotels, and Restaurants ..	2,33,534	2,86,747	3,10,302	3,50,097	3,90,165
7. Transport, Storage and Communication (7.1+7.2+7.3+7.4)	1,14,568	1,30,097	1,63,211	1,91,867	2,07,581
7.1 Railways	6,672	8,177	12,352	13,008	13,008
7.2 Transport by other means ..	92,708	1,05,127	1,20,558	1,38,011	1,53,503
7.3 Storage	1,693	1,878	1,941	1,996	2218,
7.4 Communication	13,495	14,915	28,360	38,852	33,852
8. Financing, Insurance .. Real Estate and Business Services (8.1+8.2)	1,23,848	1,38,406	1,85,250	2,21,608	2,36,390
8.1 Banking and Insurance ..	62,276	63,360	95,822	1,13,479	1,13,479
8.2 Real Estate, Ownership of dwellings and business services	61,572	75,046	89,428	1,08,129	1,22,911

9. Community, Social and personal Services (9.1+9.2)	1,26,697	1,43,460	1,64,151	1,98,955	2,32,210
9.1 Public Administration ..	44,806	53,040	63,341	86,862	1,07,430
9.2 Other Services	81,891	90,420	1,00,810	1,12,093	1,24,780
C. SUB-TOTAL : TERTIARY (6+7+8+9) ..	5,98,647	6,98,710	8,22,914	9,62,527	10,66,346
10. Nett State Domestic Product. (A+B+C)	13,68,233	15,12,475	18,10,484	20,08,350	21,56,190
Population in '00' ..	5,22,253	5,30,529	5,38,490	5,46,186	5,53,670
Per Capital Rs. ..	2,620	2,851	3,362	3,677	3,8940

Soruce : Director of Statistics, Madras.

TABLE 3.2.

NETT STATE DOMESTIC PRODUCT AT FACTOR COST BY INDUSTRY OF ORIGIN AT CONSTANT PRICES.

STATE: TAMIL NADU

(RUPEES IN LAKHS.)

	Industry.	1980–81.	1981–82	1982–83.	1983–84.	1984–85
	(1)	(2)	(3)	(4)	(5)	(6)
1.	Agriculture Forestry and Fishing (1.1+1.2+1.3) ..	1,83,559	2,31,799	1,77,668	2,13,812	2,52,991
1.1	Agriculture and Allied Activities.	1,77,319	2,25,491	1,70,989	2,07,906	2,46,707
1.2	Forestry and Logging	1,698	1,854	2,144	1,356	1,613
1.3	Fishing	4,542	4,454	4,535	4,550	4,671
2.	Mining and Quarrying ..	3,503	3,909	3,771	3,712	4,124
A.	SUB-TOTAL—PRIMARY (1+2) ..	1,87,062	2,35,708	1,81,439	2,17,524	2,57,115

3. Manufacturing (3.1+3.2)	1,97,889	2,03,770	2 16,729	2,13,461	2,50,318
3,1 Registered ..	1,07,907	1,10,769	1,27,581	1,16,023	1,45,148
3.2 Unregistered ..	89,992	93,001	89,148	97,438	1,05,170
4. Electricity, Gas and Water Supply. ..	3,140	2,791	3,434	2,224	3,419
5. Construction ..	40,689	44,493	39,243	40,535	39,579
B. SUB-TOTAL—SECONDARY (3+4+5) ..	2,41,728	2,51,054	2,59,406	2,56,220	2,93,316
6. Trade, Hotels and Restau. rants ..	1,21,754	1,35,040	1,29,903	1,33,309	1,41,362
7. Transport, Storage and Communication (7.1+7.2+7.3+7.4) ..	42,174	45,771	47,643	470,50	53,834
7.1 Railways	2,556	3,283	3,111	3,069	3,642
7.2 Transport by other means	31,317	34,253	36,131	35.217	40,344
7.3 Storage.	933	1,140	1046	1,114	1,238
7.4 Communication	6,868	7,200	7,255	7,653	8,610
8. Financing, Insurance Real Estate and Business Services (8.1+8.2 ..	59,473	63,763	68,459	70,612	75,176
8.1 Banking Insurance	23,462	26.504	29,883	30,597	33,737

(1)	(2)	(3)	(4)	(5)	(6)
8.2 Real Estate, Ownership of Dwellings and Business Services.	36,011	37,259	38,576	40,015	41,439
9 Community, Social and Personal Services. (9.1+9.3) ..	69,625	69,741	71.089	74,124	82.473
9.1 Public Administration ..	25,677	22,971	23,793	22,768	28,124
9.2 Other Services	43,948	46,770	47,296	51,356	54,349
C. SUB-TOTAL : TERTIARY, (6+7+8+9)	2,93,026	3,14,315	3,16,994	3,25,095	3,52,845
10 Nett State Domestic Product (A+B+C) ..	7,21,816	8,61,077	7,57,839	7,28,839	9,03,276
Population in (00): ..	4,81,844	4,88,478	4,96,443	5,04,966	5,13,701
Per Capita (Rs.)	1,498	1,640	1,527	1,582	1,768

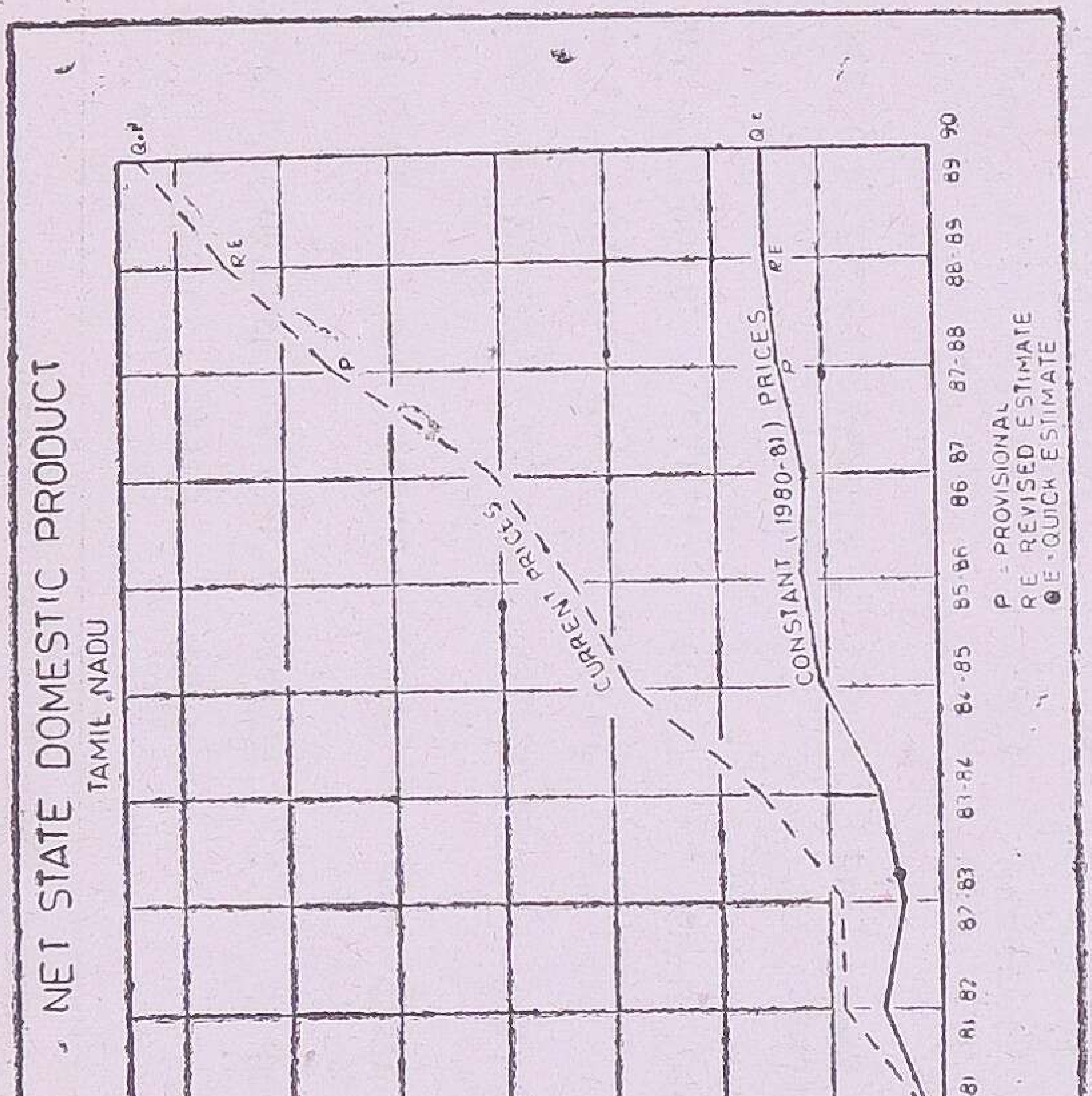
Industry. (1)	1985–86 (7)	1986–87 (8)	1987–88 (P) (9)	1988–89 (RE) (10)	1989–90 (QE) (11)
A. Agriculture Forestry and Fishing (1.1—1.2—1.3)	2,32,413	2,37,200	2.40,003	2,19,386	2,05,545
1.1 Agriculture and Allied Activities. ..	2,26,677	2,31,036	2,34,695	2,13,509	1,99,641
1.2 Forestry and Logging ..	1,635	2,055	1,451	1,894	1,864
1.3 Fishing	4,101	4,109	3,857	39,83	4,040
2. Mining and Quarring ..	4,120	4,114	5,462	5,460	5,583
A. SUB-TOTAL PRIMARY (1+2)	2,36,533	2,41 314	2,45,465	2,24,846	2,11,128
3. Manufacturing (3.1+3.2)	2,44,256	2,35,721	2,37,712	2,74,293	2,64,004
3.1 Registered	1,47,852	1,42,605	1,36,257	1,53,172	1,52,836
3.2 Unregistered	96,404	93,116	1,01,455	1,21,121	1,11,168
4. Electricity, Gas and Water Supply	10,319	5,099	9,022	1,15,13	13,909
5. Construction	40,287	38,373	42,003	41,690	40,749

TABLE 3.2—*cont.*

(1)	(7)	(8)	(9)	(10)	(11)
B. SUB-TOTAL SECONDARY (3+4+5)	2,94,862	2,79,193	2,88,737	3,27,496	3,18,662
6. Trade, Hotels and Restaurants.	164,132	158,363	183,805	190,293	188,250
7. Transport, Storage and Communication (7.1+7.2+7.3+7.4)	71,844	76,489	72,691	81,118	88,609
7.1 Railways	3,796	3,702	3,953	3,727	3,727
7.2 Transport by other means	57,892	61,351	57,341	65,638	73,006
7.3 Storage	1,132	1,222	1,071	1,102	1,225
7.4 Communication	9,024	10,214	10,326	10,651	10,651
8. Financing, Insurance Real Estate, and Business Services. (8.+8.2)	87,101	87,736	94,215	1,03,372	1,06,419

8.1 Banking and Insurance ..	41,266	39,963	44,030	50,493	50,493
8.2 Real Estate, Ownership of dwellings and Business Services.	45,835	47,773	50,185	52,879	55,926
9. Community, Social and Personal Services (9.1+9.2)	84,615	87,899	95,777	1,04,838	1,18,790
9.1 Public Administration ..	29,703	32,182	38,996	47,336	68,545
9.2 Other Services	54,912	55,717	56,781	57,502	60,245
C. SUB-TOTAL TERTIARY (6+7+8+9) ..	4,07,702	4,10,487	4,46,488	4,79,621	5,02,068
10. Net State Domestic Product. (A+B+C)	9,39,097	9,30,994	9,80,690	10,31,963	10,31,858
Population in '00' ..	5,22,253	5,30,529	5,38,490	5,46,186	5,53,670
Per Capita (Rs.) ..	1,798	1,755	1,821	1,889	1,864

Source : Director of Statistics, Madras.


NET STATE DOMESTIC PRODUCT
TAMIL NADU
CURRENT PRICES
CONSTANT (1980-81) PRICES
RUPEES IN CRORES
1980-81 81-82 82-83 83-84 84-85 85-86 86-87 87-88 88-89 89-90
P : PROVISIONAL
R.E : REVISED ESTIMATE
Q.E : QUICK ESTIMATE

4. CLIMATE AND RAINFALL.

TABLE 4.1.

TEMPERATURE AT SELECT STATIONS

Name of the Station :—NUNGAMBAKKAM.

(IN DEGREES CELSIUS)

Month.	Mean Maximum.		Mean Minimum.		Humidity.	
	Normal.	*Actual.*	*Normal.*	*Actual.*	830 *Hrs.*	1730 *Hrs.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1990						
June ..	36.5	36.1	27.2	27.4	63	65
July ..	34.4	35.1	25.8	25.9	68	69
August ..	33.9	34 3	25.4	25.9	71	60
September ..	33.5	34.3	25.2	25.4	76	75

TABLE 4.1—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
October ..	31.5	30.9	24.4	24.8	83	78
November	29.2	30.0	22.7	23.3	82	74
December ..	28.2	28.9	21.4	22.8	81	72
1991						
January ..	28.3	29.4	20.8	21.9	83	68
February ..	29.7	31.3	20.8	22.1	78	62
March ..	31.7	32.5	22.9	24.3	76	67
April ..	33.3	34.8	25,8	26.9	71	69
May ..	35,6	36,1	27.4	28.5	71	74

Name of the Station—MEENAMBAKKAM.

(IN DEGREES CELSIUS)

Month.	Mean maximum.		Mean minimum.		Humidiy.	
	Normal.	Actual.	Normal.	Actual.	830 Hrs.	1730 Hrs.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1990.						
June ..	37.3	37.0	27.6	27.3	63	66
July ..	35.2	35.8	26.3	25.8	67	65
August ..	34.5	34.8	25.8	26.1	73	63
September ..	33.9	34.9	25.4	25.0	76	73
October ..	31.8	31.1	24.4	24.7	81	77
November	29.2	30.2	22.5	23.2	81	72
December ..	28.2	29.1	21.0	21.9	80	68

TABLE 4 1—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
1991						
January ..	28.8	29.7	20.3	21.4	85	69
February ..	30.6	31.8	21.1	21.8	82	67
March ..	32.7	33.6	23.1	23.8	78	72
April ..	34.9	36.2	26.0	26.5	74	73
May ..	37.6	38.0	27.8	28.2	72	75

Name of the Station—UDHAGAMANDALAM.

(IN DEGREES CELSIUS).

Month.	*Mean minimum.*		*Mean maximum.*		*Humidity.*	
	Normal.	*Actual.*	*Normal.*	*Actual.*	8.30 *Hrs.*	17·30 *Hrs*
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1990						
June ..	18.0	17·9	11.1	11.6	84	85
July ..	16.4	17.8	10.9	11.1	89	86
August ..	17.3	17.3	10.9	11.3	89	86
September ..	18.2	20.1	10.4	11.0	83	79
October ..	18.7	19.9	10.0	11.0	84	83
November	18.9	19.4	8.3	9.2	79	81
December ..	19.7	21.2	6.3	7.3	76	74

TABLE 4.1—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
1991						
January ..	19.9	21.4	5.1	7.1	66	62
February ..	20.6	25.6	6.3	4.0	54	52
March ..	21.9	26.8	8.4	7.9	57	54
April ..	22.1	26.2	10.2	9.4	71	68
May ..	21.8	27.2	11.2	9.9	67	70

Name of the Station : KODAIKANAL (IN DEGREES CELSIUS)

Month.	*Mean Maximum*		*Mean. Minimum.*		*Humidity.*	
	Normal.	*Actual.*	*Normal.*	*Actual.*	830 *Hrs.*	1730 *Hrs.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1990						
June	18.5	19.7	12.2	11.8	74	77
July	17.1	19.3	11.5	11.5	80	84
August	17.5	18.5	11.5	11.2	79	78
September ..	17.7	19.2	11.3	11.2	82	87
October	17.0	17.8	10.9	10.8	83	87

TABLE 4.1—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
November ..	16.1	16.9	9.8	9.5	79	86
December ..	16.4	16.4	8.6	8.7	74	83
1991						
January ..	17.0	17.7	8.0	8.4	65	75
February ..	17.9	18.5	8.7	8.8	57	69
March	19.2	27.4	10.0	10.8	50	70
April	19.8	20.9	11.6	11.7	69	77
May	20.4	21.6	12.7	12.8	69	77

Source : Director, Meteorological Centre, Madras.

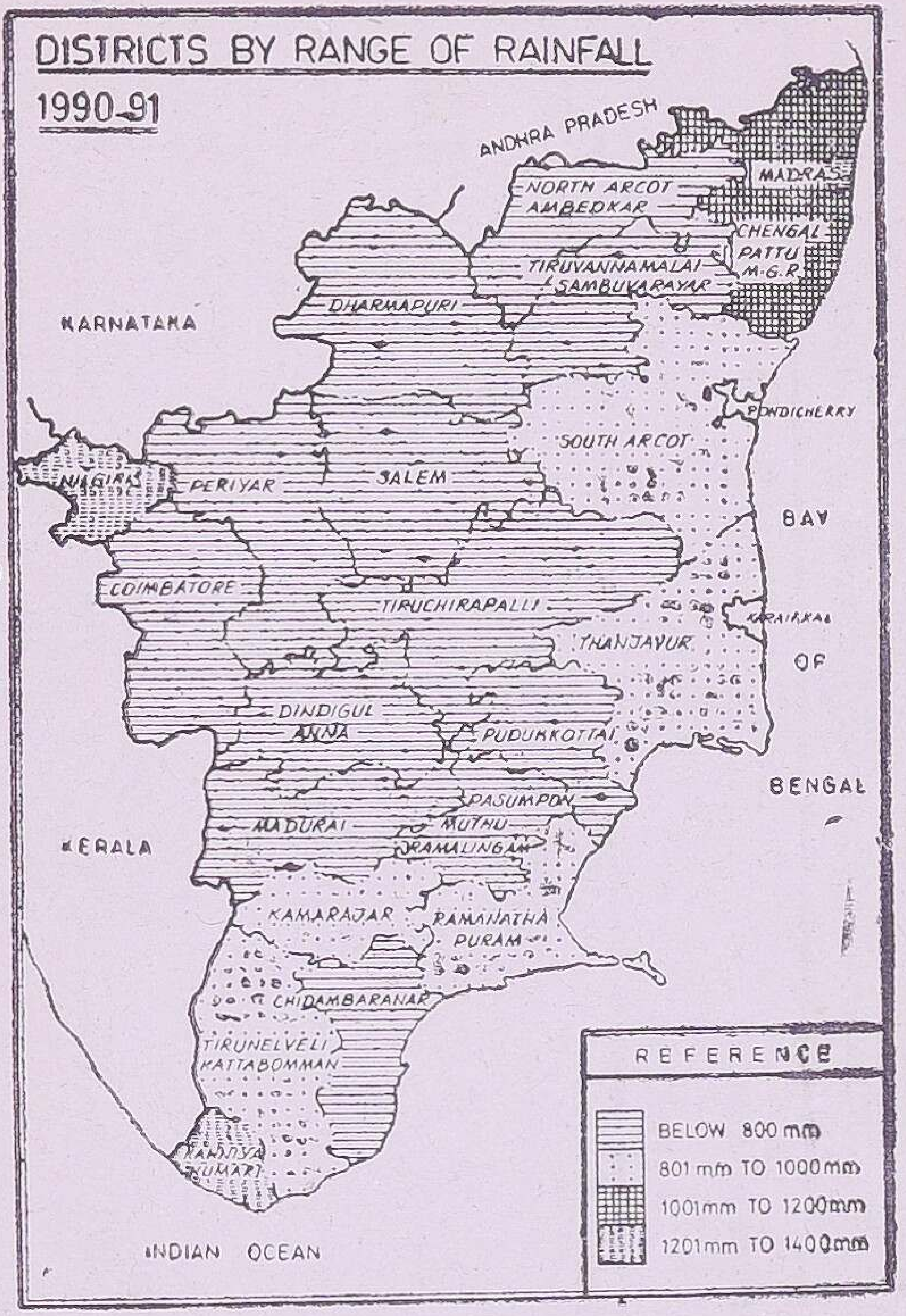

DISTRICTS BY RANGE OF RAINFALL
1990-91
ANDHRA PRADESH
MADRAS
NORTH ARCOT
AMBEDKAR
CHENGAL
PATTU
M.G.R.
TIRUVANNAMALAI
SAMBUVARAYAR
DHARMAPURI
KARNATAKA
PONDICHERRY
SOUTH ARCOT
NILGIRIS
PERIYAR
SALEM
BAY
COIMBATORE
TIRUCHIRAPALLI
KARAIKAL
THANJAVUR
OF
DINDIGUL
ANNA
PUDUKKOTTAI
BENGAL
PASUMPON
MADURAI
MUTHU
RAMALINGAM
KERALA
KAMARAJAR
RAMANATHA
PURAM
CHIDAMBARANAR
TIRUNELVELI
KATTABOMMAN
KANNIYA
KUMARI
INDIAN OCEAN
REFERENCE
BELOW 800 mm
801 mm TO 1000 mm
1001mm TO 1200 mm
1201mm TO 1400 mm

TABLE 4.2.

Distribution of Districts by range of Rainfall—1990-91

Range of Rainfall.	Distribution of districts by range of rainfall.	
	Normal Rainfall.	*Actual Rainfall.*
(1)	(2)	(3)
Below 800 m.m. ..	Coimbatore, Periyar and Chidambaranar district	North Arcot-Ambedkar, Tiruvannamalai, Sambuvarayar, Salem, Dharmapuri, Coimbatore, Periyar, Tiruchirappalli, Madurai, Pudukkottai. Dindigul-Anna, Pasumpon Muthuramalinga Thevar and Chidambaranar
801 m.m. to 1000 m.m. ..	North Arcot, Ambethkar Salem, Dharmapuri Tiruchirappalli Pudukkottai, Madurai, Dindigal Anna Ramanathapuram, Kamarajar, Pasumpon	South Arcot, Thanjavur, Ramanathapuram, Kamarajar, and Tirunelveli Kattabomman, district etc

	Muthuramalinga Thevar and Tirunelveli - Kattabomman districts.	
1001 m.m. to 1200 m.m.	.. Chengalpattu– MGR South Arcot, Tiruvannamalai - Sambuvarayar, and Thanjavur districts.	.. Chengalpattu—MGR district.
1201 m.m. to 1400 m.m.	.. Madras, district.	.. Madras, Kanniyakumari and the Nilgiris District.
1401 m.m. to 1800 m.m.	.. Kanniyakumari districet.	.. Nil.
1801 m.m. and above.	.. The Nilgiris district	.. Nil.

Source.—Director of Statistics Madras

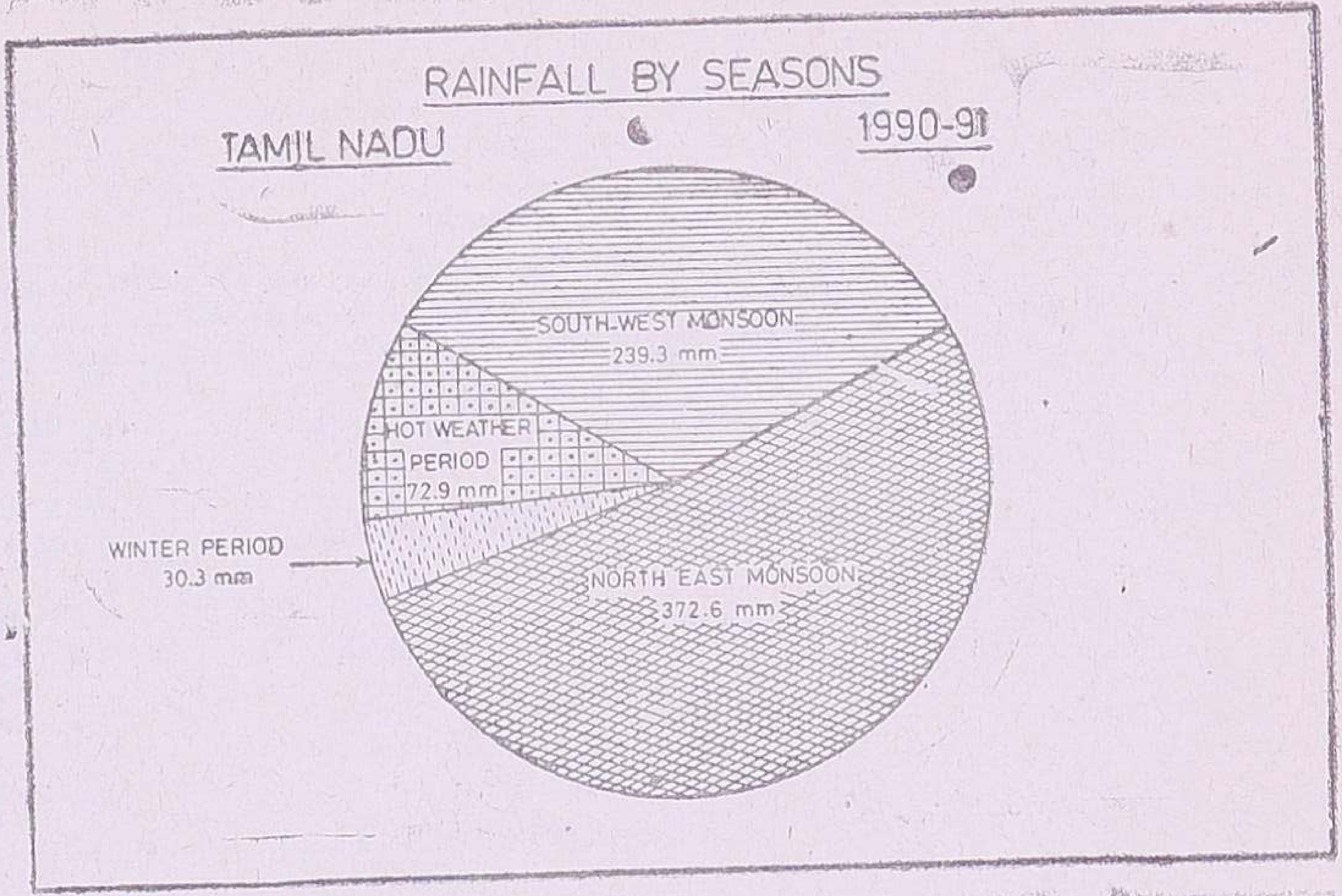

RAINFALL BY SEASONS
TAMIL NADU
1990-91
SOUTH-WEST MONSOON
239.3 mm
HOT WEATHER
PERIOD
72.9 mm
WINTER PERIOD
30.3 mm
NORTH EAST MONSOON
372.6 mm

TABLE 4.3

RAINFALL BY SEASONS 1990–91.

(IN M.M.)

	Season.	Normal Rainfall.	Actual Rainfall.
	(1)	(2)	(3)
	South West Monsoon	307.6	239.3
2	North East Monsoon	438.7	372.6
3	Winter	42.2	30.3
4	Hot Weather	136.5	72.9 (P)
	Total ..	925.0	715.1 (P)

Source: Director of Statistics, Madras.

TABLE 4.4.

RAINFALL BY DISTRICT 1990–91.

(In m.m.)

	Districts.	*Normal Rainfall.*	*Actual Rainfall.*
	(1)	(2)	(3)
1	Madras	1,215.4	1,347.4
2	Chengalpattu-MGR	1,165.3	1,109.5
3	South Arcot	1,136.8	809.7
4	North Arcot-Ambedkar ..	953.4	707.5
5	Tiruvannamalai-Sambuvarayar. ..	1,074.7	688.8
6	Salem	841.5	550.5
7	Dharmapuri	857.0	569.2

8	Coimbatore	647.2	507.4
9	Periyar	660.1	411.5
10	Tiruchirappalli	823.6	475.5
11	Thanjavur	1,134.6	891.1
12	Pudukkottai	910.8	527.6
13	Madurai	827.1	733.8
14	Dindigul-Anna	834.0	641.8
15	Ramanathapuram	827.0	830.2
16	Kamarajar	811.7	873.8
17	Pasumpon Muthuramalinga Thevar. ..	904.7	789.6
18	Tirunelveli- Kattabomman ..	888.7	903.1
19	Chidambaranar	662.2	764.4
20	Kanniyakumari	1456.8	1,216.6
21	The Nilgiris	1,857.0	1,306.1
	State	925.0	715.1

Source : Director of Statistics, Madras.

5. AGRICULTURE

TABLE 5.1.

SOIL CLASSIFICATION, 1989–90 and 1990–91

	Type of Soil.	*Places in Tamil Nadu.*
	(1)	(2)
1	Red Loam	Parts of Chengalpattu–MGR, South Arcot, Salem, Dharmapuri, Coimbatore, Tiruchirappalli, Thanjavur, Ramanathapuram, Madurai, Tirunelveli, Kattabomman, Chidambaranar, The Nilgiris, Pasumpon Muthuramalinga Thevar, Kamarajar and Dindigul Anna.
2	Lateritic Soil	Parts of The Nilgiris district.

	Black Soil	Parts of Chengalpattu–MGR, South Arcot, North Arcot – Ambedkar, Tiru-vannamalai-Sambuvarayar, Salem, Dharmapuri, Ramanathapuram, Madurai, Tirunelveli-Kattabomman, Chidambaranar, The Nilgiris. Kamarajar, Pasumpon Muthu-ramalinga Thevar and Dindigul-Anna.
4	Sandy Coastal Alluriam ..	On the Coasts in the districts of Rama-nathapuram, Thanjavur, South Arcot, Chengalpattu MGR and Kanniyakumari
5	Red Sandy Soil	Small patches in the districts of Coimbatore and The Nilgiris.

Source : "G" Return.

TABLE 5.2.

LAND UTILISATION.

(According to village papers)

Classification.	Area in hectares.	
	1989–90	1990–91
(1)	(2)	(3)
A. Total Geographical Area	1,30,20,848	1,30,18,955
B. :		
1 Forest Lands	21,56,703	21,51,134
2 Barren and uncultinrable lands ..	5,14,111	5,09,087
3 Land put to non-Agricultural uses ..	18,32,644	18,21,722
4 Cultivable waste	2,90,813	2,89,200
5 Permanent pastures and other grazing lands	1,25,672	1,23,543

6 Land under Miscellaneous tree crops and groves not included in the nett area sown.	1,82,958	2,34,067
7 Current fallow	14,07,060	12,64,053
8 Other fallow lands	8,48,500	10,47,655
9 Net area sown	56,62,387	55,78,494
C. Area sown more than once	11,59,767	10,53,267
D. Total cropped area	68,22,154	66,31,761

Source : "G" Return.

Note , Area Figures are as per the Classification of Revenue Department

TABLE 5.3.

AREA AND PRODUCTION OF PRINCIPAL CROPS—1989-90.

Crops.	*Area* ('000' *hectares*)	*Production* ('000' *Tonnes*).	*Productivity* (*Kg./Hec.*)
(1)	(2)	(3)	(4)
A. Food Grains—			
(*a*) *Cereals and Millets.*			
1 Rice	1963	6063	3,088
2 Cholam (Jowar)	587	695	1184
3 Cumbu (Bajra)	261	291	1,112
4 Maize	35	54	1,544
5 Ragi	172	343	1,995

6 Small Millets	161	124	743
7 Wheat	*	*	*
8 Other Cereals	24	13	553
9 Total Cereals	3,203	7,583	2,368
(b) *Pulses.*			
10 Blackgram	335	143	426
11 Redgram	125	75	599
12 Greengram	131	55	418
13 Bengalgram	5	3	655
14 Horsegram	113	36	318
15 Other Pulses	112	22	211
16 Total Pulses	821	334	407
17 Total Foodgrains (9+16) ..	4,024	7,917	1,963

TABLE [illegible]—*cont.*

(1)	(2)	(3)	(4)
18 Groundnut ..	1016	1,211	1,193
19 Gingelly (Sesamum)	140	45	324
20 Castor	20	6	307
21 Coconut	175	23024**	101,95
22 Other Oil Seeds	21	..	..
23 Total Oil Seeds	1,372	..	..
B. Other Crops	..	..	..
24 Cotton	281	508**	307
25 Sugarcane	222	250,7	11277

26 Tobacco (Cured leaf) ..	10	15	1,540
27 Chillies (Dry)	66	46	702
28 All Other Crops	847	..	..
29 Total (Other Crops)	1,426	..	..
30 Total Crops (17+23+29) ..	6,822	..	..

* Estimated Production.

** In bales of 170 Kg. lint each.

TABLE 5.3—*cont.*

1990–91

Serial number and Crops. (1)	*Area.* '000' *hec.* (2)	*Production* '000' *tonnes.* (3)	*Productivity* *kg/hec.* (4)
I. Foodgrains—			
a. Cereals and Millets.			
1 Rice	1,856	5,782	3,116
2 Cholam (Jowar)	541	549	1,014
3 Cumbu (Bajra)	274	296	1,081
4 Maize	27	44	1,595
5 Ragi	170	316	1,863
6 Small Millets	151	138	899
7 Wheat	+	+	506

8 Other Cereals	18	10	556
9 Total Cereals	3,038	7,134	2,348
b. Pulses.			
10 Blackgram	319	135	423
11 Redgram	112	69	612
12 Greengram	141	65	466
13 Bengalgram	10	6	650
14 Horsegram	146	61	418
15 Other Pulses	119	24	202
16 Total Pulses	847	360	425
17 Total Foodgrains (9+16)	3,885	7,494	1,929
18 Groundnut	963	1,179	1,225
19 Gingelly (Sesamum) ..	138	42	307
20 Castor	27	8	304

TABLE 5.3—*cont.*

(1)	(2)	(3)	(4)
21 Coconut	180	24,988	10,667
22 Other Oilseeds	25	...	...
23 Total Oilseeds	1,333	...	...
II. Othet Crops.			
24 Cotton	239	409	290
25 Sugarcane (Gur)	233	2,423	10,403
26 Tobacco (cured leaf) ..	10	16	1,539
27 Chillies (Dry)	50	30	604
28 All other Crops	882	..	..
29 Total (other crops) ..	1,414	..	..
30 Total crops (17+23+29) ..	6,632	..	..

\+ less than 1000 tonnes/1000 hectares.
\- in bales of 170 kg/lint each.
— estimated production of coconuts in lakhs.
—— yield rate per hectare in nuts.

Source : Director of Statistics, Madras

TABLE 5.4.

AREA UNDER PRINCIPAL CROPS BY DISTRICTS (1989-90) (IN HECTARES)

District. (1)	Paddy. (2)	Cholam. (3)	Cumbu (4)	Maize. (5)	Ragi. (6)
1 Chengalpattu-MGR ..	2,11,340	504	2,429	..	5,027
2 South Arcot	2,14,162	18,021	82,105	88	12,636
3 North Arcot-Ambedkar	41,447	24,713	5,544	433	8,442
4 Salem	61,899	65,566	17,602	1,653	21,536
5 Periyar	71,718	37,516	12,208	1,343	14,637
7 Coimbatore	25,991	1,01,434	2,132	18,861	841
7 The Nilgiris	2,298	..	11	..	80
8 Thanjavur	4,75,833	..	238	949	257
9 Tiruchirappalli	1,08,365	1,33,780	54,493	54	1,636

342-21—11

TABLE 5.4—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)
10 Pudukkottai	83,133	4,350	1,531	1,979	4,639
11 Dindigul - Anna ..	29,637	81,799	8,309	7,004	899
12 Madurai	1,32,547	36,708	11,102	1,251	1,509
13 Ramanathapuram ..	1,35,907	2,890	3,807	..	7,772
14 Kamarajar	36,136	8,198	12,288	278	3,297
15 Pasumpon Muthuramalinga Thevar	90,255	940	145	..	2,524
16 Tirunelveli-Kattabomman.	82,744	8,542	1,473	45	1,878
17 Chidambaranar	26,195	12,080	30,234	80	911
18 Kanniyakumari	43,905	1	..	..	..
19 Dharmapuri	41,593	42,849	5,479	220	73,102
20 Tiruvannamalai-Sambuvarayar. ..	48,123	6,920	10,323	461	10,298
State ..	19,63,228	5,86,811	2,61,453	34,699	1,71,921

District. (1)	Other Cereals. (7)	Total Cereals. (8)	Bengal-gram. (9)	Black-gram. (10)	Red-gram. (11)
		(Hectares)			
1 Chengalpattu-MGR ..	307	2,19,607	..	1,349	1,220
2 South Arcot	14,051	3,41,063	13	60,932	11,210
3 North Arcot-Ambedkar	7,885	88,464	8	3,856	19,768
4 Salem	16,235	1,84,491	928	21,060	23,942
5 Dharmapuri	59,626	2,22,869	110	2,064	9,752
6 Periyar	1,416	1,38,838	12	1,283	1,066
7 Coimbatore	2,598	1,51,857	3,708	6,828	4,475
8 The Nilgiris	204	2,593	..	..	..
9 Thanjavur	493	4,77,770	..	1,27,751	606
10 Tiruchirappalli	22,423	3,20,751	83	13,579	15,996

TABLE 5.4—*cont*

(1)	(7)	(8)	(9)	(10)	(11)
11 Pudukkottai	4,385	1,00,017	..	6,979	6,475
12 Dindigul-Anna ..	7,171	1,34,819	89	3,955	2,847
13 Madurai	26,373	2,09,490	..	6,652	7,647
14 Ramanathapuram ..	4,964	1,55,340	..	4,324	872
15 Kamarajar	6,071	66,268	68	10,866	3,292
16 Pasumpon Muthuramalinga Thevar	850	94,714	..	459	583
17 Tirunelveli-Kattabomman	616	95,298	1	28,144	97
18 Chidambaranar ..	2,403	71,903	180	21,173	149
19 Kanniyakumari ..	..	43,906	..	3,857	15
20 Tiruvannamalai-Sambuvarayar.	6,586	82,711	22	10,350	15,016
State ..	1,84,657	32,02,769	5,222	3,35,461	1,25,028

District.	Green gram.	Horse-gram.	Other pulses.	Total pulses.	Total food-grains.
(1)	(12)	(13)	(14)	(15)	(16)
			(Hectares)		
1 Chengalpattu MGR ..	2,134	463	619	5,785	2,25,392
2 South Arcot	10,179	3,452	5,843	91,629	4,32,692
3 North Arcot-Ambedk ar	2,709	5,575	2,936	34,852	1,23,316
4 Salem	11,288	18,305	14,668	90,191	2,74,682
5 Dharmapuri	1,579	48,998	11,241	73,744	2,96,613
6 Periyar	4,391	5,345	12,095	24,192	1,63,030
7 Coimbatore	7.755	8,226	15,039	46,031	1,97,888
8 The Nilgiris	..	2	101	103	2,696
9 Thanjavur	49,848	73,251	11,008	1,92,464	8,70,234

TABLE 5.4—*cont.*

(1)	(12)	(13)	(14)	(15)	(16)
10 Tiruchirappalli	4,320	4,913	4,266	431,57	3,63,908
11 Pudukkottai	923	979	2,077	17,433	1,17,450
12 Dindigul-Anna ..	2,380	6,536	9,489	25,296	1,60,115
13 Madurai	12,153	902	9,155	36,509	2,45,090
14 Ramanathapuram ..	3,301	174	1,470	10,141	1,65,481
15 Kamarajar	6,384	209	4,285	25,104	91,372
16 Pasumpon Muthuramalinga Thevar	94	204	726	2,0,66	96,780
17 Tiruelnveli-Kattabomman	2,037	725	1,532	32,536	1,27,834
18 Chidambaranar	5682	323	1,086	28,593	1,00,496
19 Kanniyakumari ..	4	134	298	4,308	48,214
20 Tiruvannmalai-Sambuvarayar.	3842	4489	3,007	3,726	1,19,437
State	1,31,003	1,13,205	1,10,941	8,20,860	4023629

District.	Sugarcane.	Cotton.	Groundnut.	Gingelly.	Castor.
(1)	(17)	(18)	(19)	(20)	(21)
1 Chengalpattu-MGR ..	9,295	180	62,911	2,474	1
2 South Arcot	49,947	10,769	1,63,347	33,004	235
3 North Arcot-Ambedkar	22,662	1,843	71,594	795	475
4 Salem	14,688	24,988	1,38,428	7,460	12,414
5 Dharmapuri	12,727	16,763	66,304	2,860	2,351
6 Periyar	15,957	9,637	63,013	10,428	1,555
7 Coimbatore	14,990	21,650	49,652	2,023	708
8 The Nilgiris ..	3	..	118	..	..
9 Thanjavur	19,968	3,852	35,789	28,806	50
10 Tiruchirappalli	17,509	16,487	63,524	18,260	919

TABLE 5.4—*cont.*

(1)	(17)	(18)	(19)	(20)	(21)
11 Pudukkottai	2,235	1,589	44,227	2,804	..
12 Dindigal-Anna ..	5,843	8,726	35,268	2,356	127
13 Madurai	11,970	35,384	43,010	7,764	537
14 Ramanathapuram ..	99	4,314	11,707	2,620	..
15 Kamarajar	3,260	49,954	11,920	7,104	119
16 Pasumpon Muthuramalinga Thevar	4,286	673	13,291	275	..
17 Tirunelveli-Kattabomman.	3,337	21,576	12,446	3,881	435
18 Chidambaranar	20	52,366	4,040	4,623	177
19 Kanniyakumari	7	1	888	39	..
20 Tiruvannamalai-Sambuvarayar.	13,499	248	1,24,438	2,435	33
State ..	2,22,302	2,81,000	10,15,915	1,40,011	20,141

TABLE 5.4—*cont*.

Area under principle crops by districts 1990-91

(Area in Hectares)

Sl. numbrt and Distt ict.	*Paddy.*	*Cholam.*	*Cumbu.*	*Maize.*	*Ragi.*
(1)	(2)	(3)	(4)	(5)	(6)
1 Chengalpattu-MGR ..	2,31,96)	239	2,206	..	7,196
2 South Arcot	1,79,942	13,407	94,808	27	6,953
3 North Arcot - Ambed-kar.	34 567	24,804	4,629	376	8,352
4 Tiruvannamalai-Sambuvarayar ..	53,3 6	5,371	9,972	3,11	8,137
5 Salem	30,375	75,246	12,241	1, 42	16,692
6 Dharmapuri	29,927	45,508	6,535	5,99	84,949
7 Periyar	64,255	27,748	7,940	1,473	14,148
8 Coimbatore	18,156	80,895	1,264	12,562	462

TABLE 5.4—*cont.*

(1)	(2)	(3)	(4)	(5)	(7)
9 The Nilgiris .. —	27.84	59	..	3	15
10 Tiruchirappalli ..	92,682	1,29,013	61,012	2,91	1,199
11 Thanjavur	4,59,422	..	1,88	7,75	1,15
12 Madurai	1,19,149	26,274	12,048	1,769	1,619
13 Dindigul-Anna ..	21,954	78,568	11,7 4	5,505	7,86
14 Pudukkottai	68,443	3,711	8,15	1,803	3,126
'5 Ramanathapuram ..	1,51,265	5,533	3,858	..	7,356
16 Kamarajar	36,782	8,948	14,623	5,54	3,602
17 Pasumpon Muthura-mal.nga Thevar ..	89,343	477	77	..	2,376
18 Tirunelveli Katta-bomman	1,01,402	5,238	1,229	1,31	1,467
19 Chidambaranar ..	2,78,89	10,035	28,900	1,45	1,173
20 Kanniyakumari ..	41,228	..	..	..	..
State ..	18,55 741	5,41,074	2,74,059	21,466	1,69,723

Sl. number and district.	other cereals.	Total cereals.	Bengalgram.	Black gram	Red-gram.
(1)	(7)	(8)	(9)	(0)	(11)
1 Chengalpattu-MGR ..	2,43	2,41,844	..	5,643	1,548
2 South Arcot	11,273	3,06,410	26	40,965	2,768
3 North Arcot-Ambedkar	6,696	79,424	8	4'222	17,592
4 Tiravannamalai Sambuvayayar ..	2,973	80,080	5	6,989	14,429
5 Salem	15,182	1,50,878	1,027	20,310	19,471
6 Dharmapuri	66,665	2,34,183	487	8,313	22,014
7 Periyar	1,081	1,16,645	16	4,273	2,234
8 Coimbator	1,438	1,14,777	7,196	5,204	2,952
9 The Nilgiris ..	1,07	2,968	..	..	..
10 Tiruchirappalli ..	19,349	3,03,546	172	13,972	12,243

TABLE 5.4—*cont.*

1	(7)	(8)	(9)	(10)	(11)
11 Thanjavur	3,70	4,60,870	..	1,22,948	176
12 Pudukkottai	23,890	1,84,751	..	7,822	7,182
13 Madurai ..	5,208	1,23,735	..	6,746	4,323
14 Dindigal Anna ..	5,064	82,962	640	8,248	2,403
15 Ramanathapuram ..	2,3 33	1,70,345	..	3,097	260
16 Kamarajar	4,599	69,108	239	9,285	1,584
17 Pasumpon Muthuramalinga Thevar ..	4,20	92,693	..	6,81	404
18 Tirunelveli Kattabomman	1,120	1,10,587	2	26,816	129
19 Chidambaranar ..	2,046	71,088	122	21,205	187
20 Kanniyakumari ..	..	41,228	..	2,567	11
State ..	1,70,059	30,38,122	9,940	3,19,306	1,11,910

	Greengram.	hotsegtam.	Otheb pulses.	Total pulses.	Tatal foodgrains
	(12)	(13)	(14)	(15)	(16)
	3,865	713	1,562	13.331	2,55,175
Arcot	7,047	3,487	1,687	55,980	3,62,390
3 North Arcot-Ambadkar	2,035	6,520	3,904	34,281	1,13,705
4 Tiraxannamalai Sambuvarayar ..	2,664	5.681	2,648	32,416	1,12,496
5 Salem	11,236	18,278	13,140	83,462	2,34,340
6 Dharmapuri	5,504	67,334	27,685	1,33,337	3,67,520
7 Periyar	7,082	7,573		31,002	1,47,647
8 Coimbatore	6,920	9,404	15,068	46,744	1,61,521
9 The Nilgiris	..	..	729	729	3,697
10 Tiruchirappalli		5,479	4,026	39,476	3,43,022

TABLE 5.4—*cont.*

(1)	(12)	(13)	(.4)	(15)	(16)
11 Thanjavur	50,687	..	9	1,73,839	6,34,702
12 Puduflkottai	949	1,054	3,171	20,178	1,03,140
13 Madurai ..	11,284	2,833	11,574	36,760	2,21,511
14 Dindigul Anna	4,277	12,151	14,598	42,317	1,66,052
15 Ramanathapuram ..	405	956	1,188	59,06	1,76,251
16 Kama ajar	7,523	146	2,830	21,607	90,715
7 Pasumpon Muthura-malinga Thever ..	157	172	628	2,042	94,735
18 Tirunelveli-Katatbomman ..	3,307	1,394	2,114	33,762	1,14,349
19 Chidambaranar ..	12,694	312	,146	35,666	1.06,754
20 Kanniyakumari ..	23	111	1,470	4,182	45,410
State ..	1,41,243	1,45,598	1,19,013	8,47,010	38,85,132

Serial numbet and district	Sugarcane.	Cotton.	Groundnut.	Ginjelly.	Castor.
	(17)	(11)	(9)	(20)	(21)
1 Chengalpattu-MGR ..	12,743	270	75,582	4,263	10
9 South Arcot	58,219	10,284	1,52,514	30,108	58
3 North Arcot-Ambekar	20,814	2,663	74,109	1,433	463
4 Tiruvannamalai Sambuvarayar ..	12,193	158	1,24,610	3,344	15
5 Salem	11,487	15,783	1,12,824	4,474	11.606
6 Dharmapuri	12,045	10,462	51,657	3,642	6.897
7 Periyar	15,767	4,884	64,361	13.068	3.930
8 Coimbatore	12,233	15,398	45,354	2,232	772
9 The Nilgiris	50	..	148	2	..
10 Tiruchirappalli ..	21,197	15,188	71,727	20.446	1.166

TABLE 5.4—*cont.*

(1)	(1.)	(18)	(19)	(20)	(12)
11 T anjavur	23,053	3,928	27,239	23.592	14
12 Pudukkottai	1,686	717	45,957	4.489	16
13 Madurai	13,264	33,727	31,026	4.760	866
14 Dindigel Anna ..	5,641	3,949	31,508	2.098	123
15 Ramanathapuram ..	120	5,682	11,223	2.729	..
16 Kamarajar	3,009	49,675	11,336	7.245	81
17 Pasumbon Muthura-malinga Thevar ..	5,845	510	13 849	564	..
18 Tirunelveli-Kattaboman ..	3,351	20,103	11,656	4.525	379
19 Chidambaranar ..	211	45,900	5,571	5.050	155
20 Kanniyakumari ..	..	1	497	22	..
State ..	2,32,928	2,39,282	9,62,748	1·38,086	26.551

TABLE 5.5.

Area under principal crops as percentages to the ***total*** *area sown in the Districts, 1989-90.*

District.	Paddy.	Cholam.	Cumbu.	Ragi.	Cotton.	Ground-nut.	Gingelly.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 Madras ..	..	..	..	..	..	..	..
2 Chengalpattu-MGR	66.7	0.2	0.8	1.6	0.1	19.9	0.8
3. South Arcot	27.6	2.3	10.6	1.6	1.4	21.1	4.3
4 North Arcot-Ambedkar	16.7	9.9	2.2	3.4	0.7	28.8	0.3
5. Thiruvanna-malai-Sambuvarayar.	18.0	2.6	3.9	3.9	0.1	46.7	0.9
6 Salem ..	10.5	11.2	3.0	3.7	4.3	23.6	1.3
Dharmapuri ..	9.1	9.3	1.2	15.9	3.7	14.5	0.6

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TABLE 5.5—*cont*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
8 Periyar	20.3	10.6	3.4	4.1	2.7	17.8	2.9
9 Coimbatore ..	7.0	27.3	0.6	0.2	5.8	13.4	0.5
10 The Nilgiris ..	3.2	..	0.0	0.1	..	0.2	..
11 Thanjavur ..	58.7	0.0	0.0	0.0	0.5	4.4	3.6
12 Tiruchirappalli ..	18.6	23.0	9.4	0.3	2.8	10.9	3.1
13 Pudukkottai ..	45.3	2.4	0.8	2.5	0.9	24.1	1.5
14 Dindigul-Anna	10.8	29.8	3.0	0.3	3.2	12.8	0.9
15 Madurai	11 .2	3.1	2.4	0.2	8.5	10.9	2.0
16 Ramanathapuram.	64.2	1.3	1.8	3.7	2.0	5.5	1.2
17 Kamarajar ..	17.0	3.9	5.8	1.6	23.6	5.6	3.4

18 Pasumpon Muthu-ramalinga Thevar	70.0	0.7	0.1	2.0	0.5	10.3	0.2
19 Tirunelveli-Katta-bomman.	40.7	4.2	0.7	0.9	10.6	6.1	1.9
20 Chidambaranar ..	9.9	4.6	11.4	0.3	19.8	1.5	1.8
21 Kanniyakumari ..	40.7	0.0	..	..	0.0	0.8	0.0
State ..	28.8	8.6	3.8	2.5	4.1	14.9	2.1

TABLE 5.5—*cont.*

1990–91

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 Madras	..	..	..	..	..	..	..
2 Chengalpattu-MGR ..	60.3	0.1	0.6	1.9	0.1	19.7	1,1
3 South Arcot ..	26.1	1.9	13.8	1.0	1.5	22.1	4.4
4 North Arcot-Ambedkar	35.3	10.2	1.9	3.4	1.1	30.4	0.6
5 Tiruvannamalai-Sambuvarayar.	20.7	2.1	3.9	3.2	0.1	48.4	1.3
6 Salem	6.0	14,8	2.4	3.3	3.1	22.2	0.9
7 Dharmapuri	5.8	8.8	1.3	16.3	2.0	9.9	0.7
8 Periyar	18.1	7.8	2.2	4.0	1.4	18.1	3.7

9 Coimbatore	5.3	23.6	0.4	0.1	4.5	13.2	0.6
10 The Nilgiris	3.8	0.1	..	...	..	0.2	..
11 Thanjavur	61.0	...	..	...	0.5	3.6	3.1
12 Thiruchirappalli ..	16.1	22.4	10.6	0.2	2.6	12.5	3.6
13 Pudukkottai	39.8	2.2	0.5	1.8	0.4	26.7	2.6
14 Dindigul-Anna ..	8.0	28.6	4.3	0.3	1.4	11.5	0.8
15 Madurai	33.1	7.3	3.4	0.5	9.4	8.6	1.3
16 Ramanathapuram ..	67.9	2.5	1.7	3.3	2.5	5.0	1.2
17 Kamarajar	18.3	4.5	7.3	1.8	24.8	5.7	3.6
18 Pasumpon Muthuramalinga Thevar.	68.8	0.4	0.1	1.8	0.4	10.7	0.4
19 Tirunelveli-Kattabomman.	46.6	2.4	0.6	0.7	9.2	5.4	2.1

TABLE 5.5—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
20 Chidambaranar ..	11.8	4.1	11.8	0.5	18.7	2.3	2.1
21 Kanniyakumari ..	38.7	..	..	..	..	0.5	..
STATE	28.0	8.2	4.1	2.6	3.6	14.5	2.1

Source : Director of Statistics, Madras.

TABLE 5.6

PRODUCTION OF PRINCIPAL CROPS BY DISTRICTS 1989–90.

(Tonne)

Serial number and district.	*Rice.*	*Cholam.*	*Cumbu.*	*Ragi.*	*Other Cereals.*	*Total Cereals*
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Madras ..	..	..	..	..	..	..
2 Chengalpattu-MGR ..	6,30,440	730	5,550	9,630	310	6,46,660
3 South Arcot ..	7,44,920	18,990	85,520	23,420	13,050	8,85,900
4 North Arcot-Ambedkar ..	1,36,210	43,170	6,170	21,380	5,780	2,12,710
5 Thiruvannamalai Sambuvarayar	1,59,840	12,540	8,980	21,890	4,770	2,80,200

TABLE 5.6—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
6 Salem	2,07,340	61,490	25,220	49,670	14,940	3,58,660
7 Dharmapuri ..	1,31,540	57,950	7,310	1,51,830	40,120	3,88,750
8 Periyar	2,43,020	27,060	10,660	18,640	4,040	3,03,420
9 Coimbatore ..	082,91	60,950	3,830	1,830	22,040	1,71,560
10 The Nilgiris ..	5,120	..	30	130	90	5,370
11 Thanjavur ..	15,06,820	..	410	650	3,130	15,11,010
12 Tiruchirappalli ..	4,01,340	1,58,180	41,690	3,110	23,590	6,27,910
13 Pudukkottai ..	2,31,630	7,200	2,860	7,800	6,340	2,55,830
14 Dindigul-Anna ..	1,19,690	1,19,680	15,900	1,840	20,380	2‘77,490
15 Madurai ..	5,14,380	69,320	16,620	2,730	21,340	6,24,390

16 Ramanathapuram	1,70,490	3,560	1,830	9,210	3,120	1,88,210
17 Kamarajar ..	1,11,250	10,210	16,900	7,670	5,160	1,51,190
18 Pasumpon Muthuramalinga Thevar.	1,63,500	1,220	160	3,220	720	1,68,820
19 Tirunelveli-Kattabomman.	2,68,250	15,480	2,960	6,530	410	2,93,630
20 Chidambaranar	87,000	27,120	38,160	2,030	1,440	1,55,750
21 Kanniyakumari	1,47,710	..	..	..	..	1,47,710
STATE ..	60,63,400	6,94,850	2,90,760	3,43,210	1,90,770	75,82,990

TABLE 5.6—*contd.*

Serial number and district.	*Total Pulses.*	*Sugarcane (Gur)*	*Cotton (BL)*	*Gingelly*	*Ground nut (Unshelled)*
(1)	(8)	(9)	(10)	(11)	(12)
1 Madras	..	..	..	..	..
2 Chengalpattu-MGR	2,200	1,18,740	460	850	88,740
3 South Arcot	45,030	5,94,210	32,050	11,930	2,08,620
4 North Arcot-Ambedkar	18,800	1,64,370	3,200	380	75,110
5 Tiruvannamalai-Sambuvarayar	18,480	1,03,040	640	1,120	1,28,800
6 Salem	37,270	2,15,300	48,050	3,360	1,42,670
7 Dharmapuri	28,680	1,05,110	38,760	780	89,640

8 Periyar	6,200	2,02,530	17,140	6,160	89,860
9 Coimbatore	14,870	1,72,190	54,600	1,010	67,750
10 The Nilgiris	30	30	..	..	130
11 Thanjavur	71,260	2,49,280	9,490	8,510	45,610
12 Tiruchirappalli	19,170	2,17,080	24,330	4,420	48,710
13 Pudukkottai	8,140	25,340	3,900	650	45,290
14 Dindigul-Anna ..	9,520	72,870	22,090	460	54,080
15 Madurai	12,340	1,42,530	47,640	1,450	63,930
16 Ramanathapuram ..	4,080	1,100	5,850	420	12,870
17 Kamarajar	10,680	36,260	76,610	890	11,590
18 Pasumpon Muthuramalinga Thevar.	800	49,190	1,430	80	8,700
19 Tirunelveli-Kattabomman	11,300	37 120	62,660	1,230	20,770

TABLE 5.6—*cont.*

(1)		(8)	(9)	(10)	(11)	(12)
20 Chidambaranar	..	13,170	220	58,810	1,670	5,700
21 Kanniyakumari	..	1,740	80	..	10	900
STATE	..	3,33,760	25,06,890	5 07,710	45,380	12,11,470

1990—91 (Provisional)

(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Chengalpattu-MGR.	7,43,650	300	4,380	9,720	250	7,58,300
South Arcot	6,11,610	11,450	1,02,420	14,290	10,920	7,50,690
3 North Arcot-Ambedkar.	1,00,850	29,030	5,740	17,170	7,760	1,60,550
4 Tiruvannamalai-Sambuvarayar.	1,64,540	6,610	10,600	11,750	2,860	1,96,360
5 Salem	1,01,040	74,510	18,000	30,090	14,760	2,38,400
6 Dharmapuri ..	96,180	62,830	9,270	1,76,790	60,430	4.05,500
7 Coimbatore ..	62,750	35,150	1,480	1,300	15,030	1,15,710
8 Periyar ..	2,77,260	16,770	7,050	21,080	4,340	3,26,500
9 Tiruchirappalli	2,99,420	.,22,120	35,870	1,070	21,030	4,79,510

TABLE 5.6—*contd.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
10 Pudukkottai ..	1,72,550	3,850	800	2,570	9,700	1,89,470
11 Thanjavur ..	14,03,460	..	290	260	2,520	14,06,530
12 Madurai ..	4,09,550	40,950	14,950	3,320	17,860	4,86,630
13 Dindigul-Anna	80,560	97,230	19,340	1,460	15,640	2,14,230
14 Ramanathapuram.	2,63,440	5130	35,20	7,770	1,420	2,81,280
15 Kamarajar ..	1,23,490	15,060	16,410	7,720	4,840	1,67,520
16 PasumponMuthuramalinga Thevar.	2,03,120	470	80	2,440	360	2,06,470
17 Tirunelveli-Kattabomman.	3,98,260	10,560	2,130	4,960	790	4,16,700
18 Chidambaranar.	1,36,000	16,760	43,940	2,450	1,350	2,00,500
19 The Nilgiris ..	6,890	60	—	30	60	7,040
20 Kanniyakumari.	1,27,820	—	—	—	—	1,27,820
STATE ...	57.82,440	5,48,840	2,96,270	3,16,240	1,91,920	7 13,5710

(1)	(8)	(9)	(10)	(11)	(12)
1 Chengalpattu–M.G.R. ..	5,320	1,12,560	520	1,280	1,01,670
2 South Arcot	25,750	6,20,560	30,330	9,300	19,99,80
3 North Arcot-Ambedkar.	15,830	1,67,540	3,720	500	1,04,360
4 Tiruvannamalai Sambuvarayar.	14,820	1,07,020	400	1,490	1,36,640
5 Salem	32,670	1,77,830	15,590	2,850	1,36,580
6 Dharmapuri	64,340	99,940	23,530	310	69,640
7 Coimbatore	16,490	98,950	30,190	1,060	42,460
8 Periyar	7,960	1,95,470	10,480	7,500	91,320
9 Tiruchirappalli	19,720	2,30,970	25,360	5,120	90,070

TABLE 5.6—*conl.*

(1)	(8)	(9)	(10)	(11)	(12)
10 Pudukkottai	7,540	17,370	1,820	690	48,270
11 Thanjavur	65,410	2,61.720	8,070	5,820	33,670
12 Madurai	11,850	1,32,730	51,580	760	42,350
13 Dindigul–Anna	16,600	56,720	5,820	750	32,150
14 Ramanathapuram ..	2,290	1,240	7,350	440	8,270
15 Kamarajar	10,310	38,330	98,910	1,540	9,740
16 Pasumpon Muthuramalinga Thevar.	800	57,200	1,080	140	10,400
17 Tirunelveli-Kattabomman.	18,120	44,270	44,650	1,610	14,220
18 Chidambaranar ..	22,510	2,180	49,320	1,260	6,510
19 The Nilgiris	180	520	..	..	230
20 Kanniyakumari	1,420	..	..	10	570
STATE ..	3,59,930	24,23,120	4,08,710	42,430	11,79,100

Source : Director of Statistics, Madras.

TABLE 5.7.

AGRICULTURAL MACHINERY AND IMPLEMENTS—1989.

Item. (1)	Number. (2)
1. *Ploughs*	
Total	28,27,884
Wooden	22,69,791
Iron (Steel)	5,580,93
2. Bullock Carts (Animal Cart)	4,77,654
3. *Sugar Cane Crushers*	
Total	12,166
Worked by Power	8241
Worked by Bullocks (Animals)	39,25
4. Tractors (Crawler Tractors, Hand Tractors and Four Wheeled Tractors)	26,296

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TABLE 5.7—*cont.*

(1)	(2)
5. Oil Engines (Used for irrigation and Other Agricultural Purposes)	2,611,66
6. Electric Pumpsets	86,69,35
7. Oil Ghanis	2,471

Source: Fourteenth Live stock Census, 1989.

TABLE 5.8

NUMBER AND AREA OF OPERATIONAL HOLDINGS 1985-86.

(AREA IN HECTARES)

Serial number and Size, Class	Number of Operational Holdings.			
	Single.	*Joint.*	*Institutional*	*Total.*
(1)	(2)	(3)	(4)	(5)
1 Below 0.02	1,61,106	1,855	212	1,63,173
2. 0.02—0.5	36,06,953	29,913	4,266	36,41,132
3. 0.5—1.0	16,79,419	12,580	1,421	16,93,420
MARGINAL (1 + 2 + 3) ..	54,47,478	44,348	5,899	54,97,725
4. 1.0—2.0	12,51,246	7,817	1,243	12,60,306
SMALL (4)	12,51,246	7,817	1,243	12,60,306
5. 2.0—3.0	4,40,390	3,207	750	4,44,347

TABLE 5.8—*cont*.

(1)	(2)	(3)	(4)	(5)
6. 3·0—4·0	2,02,406	1,627	442	20,44,75
SEMI MEDIUM (5+6) ..	6,42,796	4,834	1,192	6,48,822
7. 4.0—5.0	1,05,94	943	308	1,07,196
8. 5.0—7.5	1,10,857	1,059	455	1,12,371
9. 7.5 10.0	40,361	478	279	41,118
MEDIUM (7+8+9) ..	2,57,163	2,480	1,042	2,60,685
10. 10.0—20.0	31,839	488	497	32,824
11. 20.0—30.0	3,618	107	235	3,960
12. 30.0 40.0	884	31	113	1,028
13. 40.0—50.0	335	19	89	443
14. 50.0 and above	506	63	361	930
LARGE (10 to 14) ..	37,182	708	1,295	39.185
All Size Classes	76,35,865	60,187	10,671	77,06,723

Serial number and size class.	Area operated (in '0.00' hectares.)			
	Single.	Joint.	Institutional.	Total.
(1)	(6)	(7)	(8)	(9)
1 Below 0.02	1,982.80	23.19	2.34	2,008.33
2. 0.02–0.5	8,47,448.38	6,051.66	874.06	8,54,374.10
3. 0.5—1.0	11,52,098.50	8,174.53	959.32	11,61,232.3[illegible]
MARGINAL (1+2+3) ..	20,01,529.68	14,249.38	1,835.72	20,17,614.78
4. 1.0—2.0	17,58,623.39	11,124.44	1,798.38	17,71,546.21
SMALL (4)	17,58,623.39	11,124.44	1,798.38	17,71,546.21
5. 2.0—3.0	10,66,789.02	7,794.47	1,822.71	10,76,406.2[illegible]
6. 3.0—4.0	6,94,875.58	5,550.10	1,542.52	7,01,968.2[illegible]
SEMI MEDIUM (5+6) ..	17,61,664.60	13,344.57	3,365.23	17,78,374.4[illegible]

TABLE 5.8.—*cont*

(1)	(6)	(7)	(8)	(9)
7. 4.0—5.0	4,72,806.19	4,310.51	1,373.30	4,78,490.00
8. 5.0—7.5	6,68,676.28	6,322.39	2,809.54	6,77,808.21
9. 7.5—10.0	3,45,265.80	4,035.49	2,386.90	3,51,688.19
MEDIUM (7+8+9) ..	14,86,748.27	14,668.39	6,569.74	15,07,986.40
10. 10.0—20.0	4,17,228.91	6,631.86	6,932.93	4,30,793.70
11. 20.0—30.0	85,483.49	2,556.41	5,669.52	93,709.42
12. 30.0—40.0	30,206.18	1,075.60	3,963.18	35,244.96
13. 40.0—50.0	14,905.89	858.08	3,963.39	19,727.36
14. 50.0 and above	46,015.42	5,171.36	89,756.22	1,40,943.00
LARGE (10 to 14) ..	5,93,839.89	16,293.31	1,10,285.24	7,20,418.44
All Size Classes	76,02,405.83	69,680.09	1,23,854.31	77,95,940.23

Source.—Director of Statistics, Madras.

TABLE 5.9

CONSUMPTION OF CHEMICAL FERTILIZERS AND PESTICIDES 1990–91.

(In Tonne).

District.	*Nitrogenous*	*Phosphate*	*Pottassic*	*Total*	*(Pesti-cides) Dust*	*Liquid (Litres)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Chengalpattu M.G.R. ..	38,586	14,905	14,703	68,194	166	42,308
2 South Arcot	55,760	18,059	18,960	92,779	232	40,827
3 North Arcot Ambedkar ..	10,349	6,176	7,361	23,886	117	17,704
4 Thiruvannamalai Sambuvarayer ..	9,805	7,455	5,655	22 915	134	17,569
5 Salem	19,835	12,673	14,407	46,915	180	23,060
6 Dharmapuri	7,392	3,387	4,548	15,327	74	10,514
7 Coimbatore..	40,527	15,846	20,864	77,237	99	14,333
8 Periyar	26,455	12,436	12,280	51,171	143	12,481
9 Tiruchirappalli	48,561	23,458	28,523	1,00,542	232	33,343

TABLE 5.9—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
10 Pudukkottai	10,280	3,744	3,816	17,840	144	12,797
11 Thanjavur	66,897	23,168	28,557	1,20,622	517	70,733
12 Madurai	38,360	13,120	15,210	66,690	167	29,895
13 Dindigul Anna	10,086	5,256	5,289	20,631	79	7,437
14 Ramanathapuram	8,170	1,418	981	10,569	147	2,821
15 Pasumpon Muthu-ramalinga Thevar ..	6,834	2,485	1,858	11,177	44	4,460
16 Kamarajar	11,816	3,854	5,485	21,155	63	11,058
17 Tirunelveli Kattabomman	27,520	8,902	10,090	46,512	73	14,455
18 Chidambaranar	7,529	3,702	3,238	14,469	163	11,117
19 Kanniyakumari	6,902	3,299	3,280	13,481	96	1,158
20 The Nilgiris	5,036	2,365	4,254	11,655	..	..
Total ..	4,56,700	1,87,708	2,09,359	8,53,767	2,870	3,78,070

Source : Director of Agriculture, Madras.

TABLE 5.10.

REGULATED MARKETS, 1990-91.

Name of the District.	*Number of Regulated Markets.*		*Quantity Arrived (Tonne)*	*Receipts* (Rs. in lakhs).
	Number of Regulated Markets.	*Sub-Regulated Markets.*		
(1)	(2)	(3)	(4)	(5)
1 Chengalpattu-M.G.R.	14	1	4,385	29.64
2 North Arcot-Ambedkar	30	..	79,747	78.48
3 South Arcot	26	1	1,63,489	112.47
4 Salem	19	..	6,911	56.44
5 Dharmapuri	16	..	9,811	38.98

TABLE 5.10—*cont.*

(1)	[2]	[3]	[4]	[5]
6 Coimbatore	18	5	92.852	95.43
7 Periyar	23	6	114,467	58.11
8 Tiruchirappalli	19	1	21,051	36.27
9 Thanjavur	29	..	.7449	42.51
10 Pudukkottai	10	..	2,004	7.85
11 Madurai	21	..	7.191	35.62
12 Ramanathapuram	20	..	14,032	43.32
13 Tirunelveli-Kattabomman	19	1	11,817	41.17
14 Kanniyakumari	6	..	3,338	25.36
Total ..	270	15	538,610	701.55

Source : Director of Agricultural Marketing, Tiruchirappalli.

TABLE 5.11.

CROP INSURANCE 1990-91

KHARIF SEASON

Serial number and the Crop.	*Number of Blocks notified.*	*Number of Crop cutting experiments Planned.*	*Premium collected.*
(1)	(2)	(3)	(4)
			(RUPEES IN LAKHS)
1 Paddy	241	3861	31.25
2 Cholam (UI)	100	1600	0.004
3 Cumbu (UI)	62	992	0.03
4 Ragi (UI)	48	768	0.02
5 Groundnut (UI)	143	2288	0.83
6 Gingelly (UI)	57	912	0.001

TABLE 5,11—*cont*
RABI SEASON

Serial number and the Crop.	*Numbre of Blocks notified.*	*Number of Crop cutting experiments. planned.*	*Premium collected.*
(1)	(5)	(6)	(7)
		(RUPEES IN LAKHS)	
1 Paddy	230	3,685	97.94
2 Cholam (I)	69	1,104	0.13
3 Cumbu (I)	75	1,200	N
4 Ragi (I)	88	1,408	0.32
5 Groundnut (I)	138	2,208	13.92
6 Gingelly (I)	61	978	N
7 Sunflower (I)	3	48	NA

Source : Director of Statistics, Madras.

N — Negligible. NA — Not Available.

6. IRRIGATION

TABLE 6.1.

SOURCE OF WATER SUPPLY 1989-90

District.	Canals. Number.	Canals. Length in kilometres.	Tube wells. (Nos.).
(1)	(2)	(3)	(4)
1 Madras	..	..	..
2 Chengalpattu-M.G.R.	37	294	4,585
3 South Arcot	369	4,874	43,076
4 North Arcot–Ambedkar	604	1,067	3
5 Thiruvannamalai Sambuvarayar	144	119	2
6 Salem	122	378	559
7 Dharmapuri	182	317	..
8 Periyar	13	772	..
9 Coimbatore	40	607	481

TABLE 6.1—*cont.*

(1)	(2)	(3)	(4)
10 The Nilgiris	1	2	..
11 Thanjavur	46	1,773	29,514
12 Tiruchirapalli	163	767	7,003
13 Pudukkottai	27	77	504
14 Dindugal-Anna	41	115	3
15 Madurai	164	279	455
16 Ramanathapuram	..	.	110
17 Kamarajar	..	.	4
18 Pasumpon Muthuramalinga Thevar	19	20	73
19 Tirunelveli-Kattabomman ..	261	532	30
20 Chidambaranar	4	78	72
21 Kanniyakumari	53	540	2
State	2,290	12,611	86,476

District.	Wells used for irrigation purposes anly- (Numbers)	Wells used for domestic purposes only. (Numbers)	Reservoirs.	Tanks. (Numbers)
(1)	(5)	(6)	(7)	(8)
1 Madras	..	..		..
2 Chengalpattu-M.G.R.	88,275	81,677	1	3,628
3 South Arcot	1,38,739	58,590	7	2,677
4 North Arcot-Ambedkar ..	1,53,150	37,756	..	1,355
5 Thiruvannamalai-Sambuvarayar	1,50,664	39,860	1	1,804
6 Salem	2,28,343	60,829	1	822
7 Dharmapuri	1,20,827	29,019	10	2,332
8 Periyar	1,03,829	20,936	3	52
9 Coimbatore	90,619	9,678	7	76
10 The Nilgiris	193	515	..	4

TABLE 6.1—*cont*.

[1]	[5]	[6]	[7]	[8]
11 Thanjavur	43,634	95,221	..	429
12 Tiruchirappalli	1,50,752	18,611	2	2,562
13 Pudukkottai	54,917	14,876	..	4,929
14 Dindugal Anna	78,718	6,214	4	2,612
15 Madurai	66,532	7,725	6	2,423
16 Ramanathapuram	12,332	12,811	..	1,830
17 Kamarajar	42,133	4,452	5	974
18 Pasumpon Muthuramalinga Thevar	18,786	24,972	..	4,583
19 Tirunelveli Kattabomman ..	84,554	11,347	9	2,170
20 Chidambaranar	29,110	14,436	..	628
21 Kanniyakumari	1,800	16,159	5	2,593
State	16,57,907	5,65,684	61	38,483

Source : Director of Statistics, Madras.

TABLE 6.1.—Cont.

1990–91.

Serial number and District.	Canals. Number.	Canals. Length. (Kilometers.)	Tube Wells. Number.
(1)	(2)	(3)	(4)
1 Madras	..	..	..
2 Chengalpattu-MGR	37	294	4,873
3 South Arcot	369	4,874	48,089
4 North Arcot-Ambedkar	604	1,067	3
5 Salem	115	368	579
6 Dharmapuri	181	313	..
7 Periyar	13	772	..
8 Coimbatore	39	597	481

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TABLE 6.1—*cont.*

(1)	(2)	(3)	(4)
9 The Nilgiris	1	2	..
10 Thanjavur	46	1,773	30,901
11 Tiruchirappalli	162	767	7,817
12 Pudukkottai	27	77	543
13 Dindigul-Anna	41	115	3
14 Madurai	164	279	517
15 Ramanathapuram	..	..	152
16 Kamarajar	..	..	4
17 Pasumpon Muthuramalinga Thevar	19	20	73
18 Tirunelveli-Kattabomman	261	532	30
19 Chidambaranar	4	78	72
20 Kanniyakumari	53	540	2
21 Tiruvannamalai-Sambuvarayar	144	119	..
State	2.290	12,587	89,119

Serial number and District. (1)	Well used for Irrigation purposes only. (Nos.) (2)	Well used for domestic purposes only. (Nos.) (3)	Reservoirs. (Nos.) (4)	Tanks (Nos.) (5)
1 Madras	..	..	..	..
2 Chengalpattu-MGR	1,0[illegible],737	88,575	1	3.628
3 South Arcot	1 ,38,750	58,602	7	2.677
4 North Arcot-Ambedkar ..	1,53.168	37.823	..	1,355
5 Salem	2,29,017	61.388	1	822
6 Dharmapuri	1,24,032	28,838	10	2.332
7 Periyar	1,09,130	20.950	3	52
8 Coimbatore	91,099	12,320	9	76
9 The Nilgiris	193	621	..	

TABLE 6-1—cont

(1)	(2)	(3)	(4)	(8)
10 Thanjavur	37,926	89,808	..	429
11 Tiruchirappalli	1,49,998	18,607	2	2.562
12 Pudukkottai	55,262	15.004	..	4.929
13 Dindigul-Anna	78,780	6.281	4	2.612
14 Madurai	66,899	7,834	6	2,423
15 Ramanathapuram	13,021	11,958	..	1.830
16 Kamarajar	42,149	4,574	6	974
17 Pasumpon Muthuramalinga Thevar	18,836	25.151	..	4,583
18 Tirunelveli-Kattabomman ..	84,684	11,364	9	2.170
19 Chidambaranar	29,216	14,436	..	628
20 Kanniyakumari	1,669	18,037	5	2.593
21 Tiruvannamalai-Sambuvarayar	1,50,694	39,963	1	1.804
State ..	17,75,260	5.72,134	64	38.483

TABLE 6.2.

NETT AREA IRRIGATED BY SOURCES

Sources.	Area	
	1989–90.	1990–91.
	(IN HECTARES)	
(1)	(2)	(3)
1 Government Canals	7,89,971	7,68,827
2 Private Canals	540	560
3 Tanks	5,22,673	5,30,933
4 Tube Wells	1,72,642	1,69,807
5 Other Wells	9,95,928	8,88,720
6 Other Sources	14,807	13,943
Total	24,96,561	23,72,790

Source : Director of Statistics, Madras.

TABLE 6.3.

AREA SOWN AND IRRIGATED BY DISTRICTS, 1990-91.

District. (1)	*Nett area Irrigated.* (2)	*Nett area sown.* (3)	*Percentage of coloumn (2) to (3).* (4)
	(HECTARES).		
1 Madras	..	..	..
2 Chengalpattu-M.G.R.	2,14,955	3,10,379	69.3
3 South Arcot	2,63,800	5,32,651	49.5
4 North Arcot-Ambedkar	78,012	2,,08,838	37.4
5 Tiruvannamalai-Sambuvarayar	73,447	2,22,226	33.1
6 Salem	1,03,544	4,21,056	24.6
7 Dharmapuri	84,294	4,10,948	20.5
8 Periyar	1,24,758	3,07,879	40.5
9 Coimbatore	1,16,738	3,12,967	37.3
10 The Nilgiris	621	72,833	0.9

11 Thanjavur	4,45,036	5,06,406	87.5
12 Tiruchirappalli	1,51,773	5,45,578	27.8
13 Pudukkottai	72,482	1,45,054	50.0
14 Dindugal-Anna	78,202	2,60,092	30.1
15 Madurai	1,57,350	3,01,104	52.3
16 Ramanathapuram	75,436	2,20,515	34.2
17 Kamarajar	61,883	1,90,683	32.5
18 Pasumpon Muthuramalinga Thevar	82,952	1,29,697	64.0
19 Tirunelveli-Kattabomman	1,18,863	1,66,125	71.6
20 Chidambaranar	42,042	2,30,838	18.2
21 Kanniyakumari	28,602	82,625	34.6
State	23,72,790	55,78,494	42.5

TABLE 6.3—*cont.*

District.	*Gross area irrigated.*	*Gross area sown.*	*Percentage of column (5) to (6).*
(1)	(5)	(6)	(7)
	(HECTARES).		
1 Madras	..	..	..
2 Chengalpattu-M.G.R.	2,94,107	3,84,556	76.5
3 South Arcot	3,35,322	6,89,243	48.7
4 North Arcot-Ambedkar	1,00,831	2,43,628	41.4
5 Tiruvannamalai-Sambuvarayar	1,04,705	2,57,253	40.7
6 Salem	1,35,935	5,08,184	26.7
7 Dharmapuri	99,893	5,19,913	19.2
8 Periyar	1,61,771	3,54,708	45.6
9 Coimbatore	1,34,430	3,43,397	39.1

10 The Nilgiris	621	73,689	0.8
11 Thanjavur	5,04,288	7,53,705	66.9
12 Tiruchirapalli	1,68,144	5,74,911	29.2
13 Pudukkottai	78,870	1,72,064	45.8
14 Dindugal-Anna	89,238	2 74,707	32.5
15 Madurai	2,00,972	3,59,640	55.9
16 Ramanathapuram	75,436	2,22,940	33.8
17 Kamarajar	70,705	2,00,519	35.3
18 Pasumpon Muthuramalinga Thevar ..	83,085	1,29,830	64.0
19 Tirunelveli-Kattabomman	1,51,950	2,17,718	69.8
20 Chidambaranar	50,780	2,44,896	20.7
21 Kanniyakumari	50,349	1,06,260	47.4
State ..	28,91,432	66,31,761	43.6

Sousce : Director of Statistics, Madras.

TABLE 6.4.

AREA IRRIGATED BY PRINCIPAL CROPS,

(In '000' Hectares).

Crop.	1989–90 Area	1990–91 Area
(1)	(2)	(3)
Rice	1,796	1,686
Cholam	55	46
Cumbu	35	29
Ragi	56	48
Sugarcane	222	233
Cotton	111	77
Groundnut	273	274
Other Crops	497	501

Source : Director of Statistics, Madras.

TABLE 6.5.

WATER LEVELS IN CERTAIN RESERVOIRS 1990-91.

Serial number and name of Reservoir.	*District Benefited.*	*Full Reservoir Depth in Metres.*	*Highest Level*		*Lowest Level*	
			Metres.	*Date.*	*Metres.*	*Date.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Mettur ..	Salem, Periyar, Thanjavur, Tiruchirappalli Pudukkottai and South Arcot	36.58	28.50	29—8—1990	7.50	8—4—1991
2 Bhavanisagar	Periyar and Tiruchirappalli	32.00	21.48	31—8—1990	8.27	7—5—1991
3 Amaravathy	Coimbatore and Periyar.	33.53	32.58	10—12—1990	10.47	10—5—1991

TABLE 6-5 Cont

(1)	(2)	(3)	(4)	(5)	(6)	(7)
4 Poondi ..	Madras City (Water Supply)	10.06	7.59	7—12—1990	2.52	31—5—1991
5 Sathanur ..	Noth Arcot - Ambedkar and Tiruvannamalai-Sambuvarayar South Arcot.	36.27	21.00	12—12—1990	15.65	6—9—1990
6 Krishnagiri	Dharmapuri	15.85	12.82	29—11—1990	5.33	31—5—1991
7 Vidur ..	South Arcot and Pondicherry.	9.75	4.02	28—11—1990	1.99	31—7—1990
8 Gomuki	South Arcot	14.02	11.61	18—12—1990	3.94	6—4—1991
9 Manimuktha-nadhi.	South Arcot	10.97	5.68	7—12—1990	0.00	5—6—1990
10 Periyar	Madurai	46.33	41.21	29—11—1990	33.10	28—3—1991

11 Vaigai ..	Madurai, Ramanathapuram and Pasumpon Muthuramalinga Thevar.	21.64	20.85	10—12—1990	4.30	3—3—1991
12 Manjalar ..	Madurai .. and Dindigul Anna	17.37	17.37	5—12—1990	4.26	28—8—1990
13 Papanasam	Tirunelveli-Kattabomman and Chidambaranar.	45.11	45.00	16—12—1990	4.57	18—10—1990
14 Manimuthar	Tirunelveli-Kattabomman and Chidambaranar.	35.97	35.97	22—1—1991	3.20	13—10—1990
15 Pechiparai	Kanniyakumari	14.63	12.19	8—12—1990	0.91	24—9—1990
16 Perunchani	Do.	22.47	21.29	19—11—1990	0.15	29—8—1990
17 Chittar Dam I	Do.	19.20	18.78	13—11—1990	14.29	23—2—1991

Source : Director of Statistics, Madras.

TABLE 6.5—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
18 Chittar Dam II.	Do.	17.98	17.66	13—11—1990	13.36	30—5—1991
19 Willington	South Arcot	8.60	2.13	1—6—1990	0.00	13—3—1991

Source : Chief Engineer (Irrigation), Madras.

TABLE 6.6.

IRRIGATION POTENTIALS CREATED IN TAMIL NADU 1990-91

(*in '000' hectares*)

Serial number and name of Scheme.	*District Benefited.*	*potential created*
(1)	(2)	(3)
Major and Medium Irrigation Projects.		
1 Periyar Vaigai Project ..	Madurai and Pasumpon Muthuramalinga Thever ..	0.496
2 Kodaganar Reservoir reconstruction ..	Dindigul-Anna ..	0.065
3 Orathupalayam Reservoir ..	Periyar ..	4.200
4 Kelavarapalli Reservoir ..	Dharmapuri ..	1.000
Minor Projects (Anicuts/Reservoirs having CCA less than 2.000 ha.)		
1 Maduranthagam Right side channal ..	Chengalpattu-MGR District ..	0.211
2 Semmampatti Anicut ..	North Arcot-Ambedkar Madurai ..	0.490

Source : Chief Engineer, Irrigation, Madras.

7. LIVESTOCK AND ANIMAL HUSBANDRY

TABLE 7.1.

LIVESTOCK AND POULTRY POPULATION 1989.

Classification (1)	Numbers. (2)
A. *Cattle.*—	
1. *Males.*—	
(i) under one year	4,71,737
(ii) 1—2½ years	5,37,361
(iii) Over 2½ years	32,96,883
Total	43,05,981

2. *Females.*—

(i) Under One year	9,35,394
(ii) 1—2½ years	8,07,298
(iii) *Over* 2½ years.—	
(a) In milk	16,48,450
(b) Dry	11,61,021
(c) Not calved even once	3,38,950
(d) Others	1,56,047
Total ..	50,47,160
Cattle Total ..	93,53,141

B. *Buffaloes.*—

1. *He-Buffaloes.*—

(i) Under one year	1,79,134
(ii) 1—3 years	1,12,717
(iii) Over 3 years	2,07,781
Total ..	4,99,632

TABLE 7.1—*cont.*

Classification. (1)	*Numbers* (2)
2. *She-Buffaloes.*—	
(i) Under one year	5,61,726
(ii) 1—3 years	3,93,554
(iii) Over 3 years	
(a) In milk..	10,11,251
(b) Dry	4,58,212
(c) Not calved even once..	1,47,615
(d) Others	56,266
Total ..	26,28,624
Buffaloes Total ..	31,28,256

3	Sheep	58,80,788
4.	Goats	59,19,713
5.	Horses and Ponies	6,003
6.	Pigs	6 60,676
7.	Mules	78
8.	Camels	9
9.	Donkeys	5,0606
10.	Domestic Dogs	12,10,791
11.	Stray Dogs	1,56,156
	Total Livestock	2,63,66,220

TABLE 7.1—*cont.*

(1)	(2)
C. *Poultry.*—	
1. Fowls	2,11,53,574
2. Ducks	2,57,960
3. Drakes	78,601
4. Ducklings [Below 6 Months] .. .. : ..	75,816
5. Others [Turkey, Japan, Quils, Ginibire, etc]	4,287
Total ..	2,15,70,238

Source:—Fourteenth Livestock Census, 1989.

TABLE 7.2.

VETERINARY INSTITUTIONS AND ANIMALS TREATED—1990-91.

District / tate.	Type of Veterinary Institutions.					
	Clinician centres.	*Veterinary Hospitals.*	*Veterinary Hospitals -cum- K.V.C.*	*Veterinary Dispensaries.*	*Veterinary Dispensary- -cum- K.V.C.*	*Animals Treated.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Madras..	1	..	..	1	..	45,846
2 Chengalpattu-MGR.	1	2	2	35	14	9,12,665
3 Tiruvannamalai - Sambuvarayar	1	3	..	33	..	6,54,125
4 North Arcot-Ambedkar	1	2	..	35	..	6,03,744
5 South Arcot	1	3	..	64	..	12,30,808
6 Dharmapuri	2	1	..	57	..	7,91,131
7 Salem	1	2	..	72	..	15,62,656
8 Tiruchirappalli ..	1	4	..	59	..	11,86,315
9 Periyar	2	2	..	38	9	6,76,917

TABLE 7.2—*cont*.

(1)	(2)	(3)	(4)	(5)	(6)	(7)
10 Coimbatore	2	6	..	40	..	6,71,078
11 The Nilgiris	..	2	..	6	..	1,40,256
12 Thanjavur	4	10	..	81	..	15,70,670
13 Pudukkottai	1	..	..	32	..	3,42,808
14 Madurai	1	3	..	44	..	9,44,898
13 Dindugal-Adna ..	1	4	..	27	..	5,20,282
16 Kamarajar	..	2	..	21	..	2,56,589
17 Ramanathapuram ..	..	..	..	18	..	2,01,360
18 Pasumpon Muthuramalinga Thevar	..	1	..	20	..	2,12,080
19 Tirunelveli-Kattabomman	1	4	..	34	..	4,17,837
20 Kanniyakumari ..	1	2	..	16	..	2,03,007
21 Chidambaranar ..	1	2	..	1	1	3,61,068
State ..	22	55	2	734	24	1,35,06,140

* K. V. C. : Key Village Centres.

Source : Director of Animal Husbandry, Madras.

TABLE 7.3.

ANIMAL HUSBANDRY 1990-91

A. *Cattle Development—*	
1 Livestock Farms	7
2 Sub-Centres	2226
3 Goshala Development Centres	..
4 Intensive Cattle Development Projects	12
5 Key Village Blocks	62
6 Exotic Cattle Breeding Farms	1
7 *Breeding for Sub-Centres*	
(1) Intensive Cattle Development Project	87
(2) Key Village centres	583
B. *Sheep Development*	
1 Sheep farms	2
2 Sheep Units attached to farms	4

TABLE 7.3—*cont.*

C. *Poultry Development—*	
1 Poultry Extension Centres	27
2 Hatcheries	2
D. *Piggery Development—*	
1 Piggery Units	3
2 Forkclubs	..
E. *Health Services—*	
1 Clinical Laboratories	13
2 Rinderpest check posts	10
3 Rinderpest Sqards	20
4 Rinderpest Vigilance Units	10
5 Recognised Slaughter houses	183
6 Clinician Centres	22
7 Mobile units	50

Source : Director of Animal Husbandry, Madras.

TABLE 7.4

DAIRY DEVELOPMENT— 1990-91

1	Main dairies	9
2	Feeder Dairies	6
3	Product Dairies	
4	Milk chilling Centre	44

Average Milk collection per day—

(1) Flush season : 12.10 lakh litres per day.

(2) Lean season : 11.17 lakh litres per day.

Quantity marketed by The Tamil Nadu Co-operative Milk Producers' Federation Limited (In lakhs)

(1) Milk (Lts.) ..	2409.00
(2) Butter (Kgs.) ..	8.45
(3) Ghee (Kgs.) ..	1.29
(4) Khoa (Kgs.) ..	1.70
(5) Flavoured milk (Tetra Pack) ..	11.80

TABLE 7.4—*cont*

(6) Milk Powder (Kgs) 1 38

Marketing—Managed by The Tamil Nadu Co-operative Milk Producers' Federation Limited.

(a) Number of milk booth	530
(b) Number of milk parlour	51
(c) Number of A.V.M. units	35
(d) Number of FRP Tank	100
Procurement of milk by Tamil Nadu Co-operative Milk Producsrs' Federation Limited	11.64 lakh litres per day

Source : Managing Director, Tamil Nadu Co-operative Milk Producers' Federatio Ltd., Madras.

TABLE 7.5.

POULTRY DEVELOPMENT—1990-91.

A *Marketing Unit*—

Location of Units—

1 Madras

2 Chengapattu

3 Tiruchirappalli

4 Madurai

5 Coimbatore

6 Salem

7 Tirunelveli

8 Vellore

9 Namakkal

10 Dharmapuri

TABLE 7.5—*cont.*

B *Feed Mixing Units*—

Location of Units—

1 Nandanam
2 Kappalur
3 Tiruppur

C *Hatcheries*—

Location of Units—

1 Arasur
2 Kappalur
3 Tiruchirappalli
4 Kattupakkam
5 Hosur
6 Chengalpattu

D *Poultry Equipment Fabrication Centres* ...

Mineral Mixture Plant—

Chengalpettu
Seshanchavadi

E *Production—*	Paultry Development Corporation.	Animal Husbandry Department
1 Chicks	26.51 (Nos. in lakhs)	60,707 (Nos)
2 Poultry Feed	3071.000 (Weight in Tonne)	..
Sales—		
1 Poultry Feed	3079 (In Tonne.)	..
2 Eggs	1121. 11 Lakhs.	10,94,905 (Nos)
3 Number of Chicks sold for breeding.	26.51 Nos. in lakhs.	12,498 (Nos)
4 Number of birds sold for table..	1.05 lakhs.	16,947 (Nos)
5 Quantity of Meat sold	116.273 Tonne	..

Source : Managing Director, Tamil Nadu Poultry Development Corporation Limited Madras and Director of Animal Husbandry, Madras.

8 FISHERIES.

TABLE 8.1.

FISHERIES DEVELOPMENT 1990-91.

1. Area :

(*a*) Total coastal line of the State .. .. 1000 Km.

(*b*)(i) Total Inland Fresh waterspread Area. .. 3.71 lakh hectares.

(ii) Estuaries and Back water area .. .. .. 0.56 lakh hectares.

(*c*) Marine Fishing villages 442

2. Fish Production—

Item	Quantity (In tonne)	Value (Rs. in lakhs)
Marine	291661	18,666.30
Inland	82000	3,936.00 (P)

3. Fisheries Development—	Department	T.N.F.D.C.	MPEDA
(*a*) Freezing Plants ..	..	5	26

(*b*) **Ice plants, Cold-storages and Walk-in coolers**	Iceplant	5	8	17
	Cold 1		7	34
	Walk-in-Cooler	Nil	Nil	Nil
(*c*) **Sea food manufacturing units in private sector**		25	..	39
(d) **Fisheries Training Centre—**		6	..	9 (for (d), (i) and (ii))
(i) **Marine**		..	..	
(ii) **Inland**		..	..	
(*e*) Fishing vessels	(i) Mechanised	8107	..	1662
	(ii) Non-Mechanised	42467	..	NA
(*f*) Active Marine Fishermen		110905	..	..
4. Export—				
Fish and Fish Products	(a) Quantity (Tonne)	..	..	26851
	(b) Value (Rs. in lakhs)	..	..	16504,83

Source **:** Commissioner of Fisheries, Madras and Director, Marine Products Expo.. Development Authority, Madras.

TABLE 8.2.

Mechanised and Non Mechanised

MARINE FISH PRODUCTION BY DISTRICTS, 1990-91

(Tonne)

Serial number and district. (1)	Non-Mechanised, (2)	Mechanised (3)	Total (4)
1 Madras	275	18343	18618
2 Chengalpattu MGR ..	9023	..	9023
3 South Arcot	17214	5420	22634
4 Thanjavur	11770	33058	44828
5 Pudukkottai	3447	46439	49886
6 Ramanathapuram ..	24705	35565	60270
7 Chidambaranar ..	18121	25714	43835
8 Tirunelveli–Kattabomman	5286	..	5286
9 Kanniyakumari ..	33542	3739	37281
Total..	123383	168278	291661

Source : Director of Fisheries Madras.

9. FORESTS.

TABLE 9.1.

AREA UNDER FORESTS BY DISTRICTS, 1987–88.

Serial number and name of the district.	Area under Forests (In Hectares). Reserved Forests.	Reserved Lanas	Un-classed.	Total.	Fuel Coupes.	Area Reserved for Grazing (In Sq. kms).
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Madras ..	271	30	..	301	...	413
2 Chengalpattu-MGR	35,570	7,736	5,324	48,630	..	413
3 South Arcot ..	65,826	46,723	12,371	124,920	..	241
4 North Arcot -Ambedkar and Tiruvannamalai - Sambuvarayar	307,984	6,563	..	314,547	..	2,957
5 Salem	147,110	20,047	..	167,157	..	1,448
6 Dharmapuri ..	279,732	84,055	2,444	366,231	..	3,023
7 Periyar ..	240,053	842	749	241,644	..	1,907

842-21—16

TABLE 9.1—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
8 Coimbatore ..	165,960	144	3,616	169,720	..	721
9 The Nilgiris ..	131,130	7,798	11,206	150,134	..	883
10 Thanjavur ..	17,791	2,181	320	200,292	..	176
11 Tiruchirapralli .. } 12 Pudukkottai ..	81,294	17,875	5,462	104,631	..	673
13 Madurai ..	91,634	60,823			..	1,956
14 Dindigul-Anna	121,493	25,184	9,020	308 154	..	10,22
15 Ramanathapuram } 16 Pasumpon Muthu-ramalinga Thevar	12,813	9,336 }	4,567	53,236	..	173
17 Kamarajar ..	18,897	7,623				
18 Tirunelveli-Kattabomman .. } 19 Chidambaranar ..	110,734	23,899	2,702	137,335	..	676
20 Kanniyakumari ..	40,302	3,849	3,605	48,256	..	393
Total ..	1,869,094	324,708	61,386	22,55,188	..16	3

Source : Principal Chief Conservator of Forests, Madras.

TABLE 9.2.

OUT-TURN OF FOREST PRODUCE 1988-89

Serial number and Products.	Unit.	Out-turn.	Value.
(1)	(2)	(3)	(4)
			(RUPEES IN 000)
1 Timber[Tekand Siso]	Cu. .m	118	163.40
2 poles [Teak and Sisso]	Nos	146,74	
3 Sandal wood	MT	1033	1,19,652
Pulpwood			
(i) Blueum	MT	63,616	25,997
(ii) Euc. Hybrid	MT	21,086	45.52
(iii) Euc Grandis	MT	5,298	23.07
(iv) Wattlewood	MT	75,223	237 01

TABLE 9.2—*cont*

(1)	(2)	(3)	(4)
(Iv) Pines	MT	445	46
5 Pulp wood	MT	780,80	NA
6 Fuelwood	Cu-m	658,05	16,451
7 Bamboo	MT	2,399	390
8 Rubber	MT	3,268	71.688
9 Cashew	MT	697	71.19
10 Tea (Green Leaves)	MT	16,200	NA
11 Wattle Bark	MT	23,307	88,13
12 Eta Reeds	MT	1.214	314

Source : Principal Chief Conservator of Forests, Madras.

TABLE 9.3.

FOREST BASED INDUSTRIES, 1988-89.

Serial number and Industry. (1)	*Number of units.* (2)	*Forest product utilised.* (3)
1 Paper and Board	3	(a) Bamboo. (b) Eucalyptus hybrid (c) Grass (d) Eta reeds
2 Rayon and Staple Fibre	1	(i) Wattle wood (ii) Bluegumwood and Eucalyptus Grandis
3 Tanning	2	Wattle Bark
4 Chip Board	1	Softwood
5 Eucalyptus Oil	2	Eucalyptus leaves

Source : Principal Chief Conservator of Forests, Madras.

TABLE 9.4.

WILD LIFE SANCTUARIES, 1990-91.

Serial number and name of the Sanctuary.	*Area in Hectares.*	*Year of formation.*
(1)	(2)	(3)
1 Mudumalai	32,100	1940
2 Guindy Park (National Park)	271	1959
3 Vedanthangal	30	1962
4 Mundanthurai	56,700	1962
5 Anamalai Indra Gandhi Wildlife Sanctuary, Pollachi	95,800	1962
6 Kalakad	22,358	1976
7 Point Calimers	1,729	1969
8 Vettangudi	38	1977
9 Pulicat Lake Bird Sanctuary	15,367	1980

10	Mukurthy Sanctuary	7,846	1982
11	Vallanadu Wildlife Sanctuary	1,8886	1987
12	Srivilliputhur Crizzle Squirrel Wildlife Sanctuary ..	48,520	1988
13	Chitrenkudi Birds Sanctuary	48	1989
14	Kanjarankulam Birds Sanctuary	38	1989
15	Karikili Birds Sanctury	61	1[illegible]73
16	Bio Sphere Reservc and National Park	623	198[illegible]
17	Udayamarthandapuram Birds Sanctuary	45	1991

Source : Principal Chief Couservator of Forests, Madras.

TABLE—9.5

AREA UNDER SOCIAL FORESTRY 1990–91

	Name of the district, (1)	Nome of the Division. (2)	Block Planting area in hectare (3)	Strip planting Length in KM (4)	Interface forestry project area in hectare (5)
1	Chengalpattu-MGR ...	Chengalpattu (Social Forestry Division)	784	20	40
		Thiruvallur IFF	..	..	664
2	South Arcot	Villupuram	753	20	..
3	North Arcot-Ambedkar ...	Vellore	829	20	41
4	Tiruvannamalai-Sambuvarayar	Tiruvannamalai	882	20	..
5	Salem	Salem IFF	..	..	634
6	Dharmapuri	Salem	803	20	256
7	Coimbatore...	Coimbatore (7–9)	681	20	40
8	Periyar				
9	Nilgiris				

10	Tiruchirppalli	Tiruchirappalli	750	20	40
11	Thanjavur	Thanjavur	838	85	..
12	Pudukkottai	Pudukkottai	818	..	..
13	Madurai	Ayualur IFF	..	..	649
14	Dindigul-Anna	Madurai	754	..	40
15	Ramanathapuram ...	Ramauathapuram	764	20	..
16	Pasumpon Muthuramalinga Thevar	Sivagannga	602	...	41
17	Tirunelveli Kattapomman	Tirunelveli	758	20	168
18	Kamarajar	Kamarajar	745	20	..
19	Chidambaranar ...	Tiruchendur	760	20	40
20	Kanniyakumayri ..				
		Total ..	11,521	305	2,653

Source: Chief Conservator of Forests, (Social Forestry) Madras.

TABLE 9.5.

AGRO FORESTRY-.TREE PLANTING.

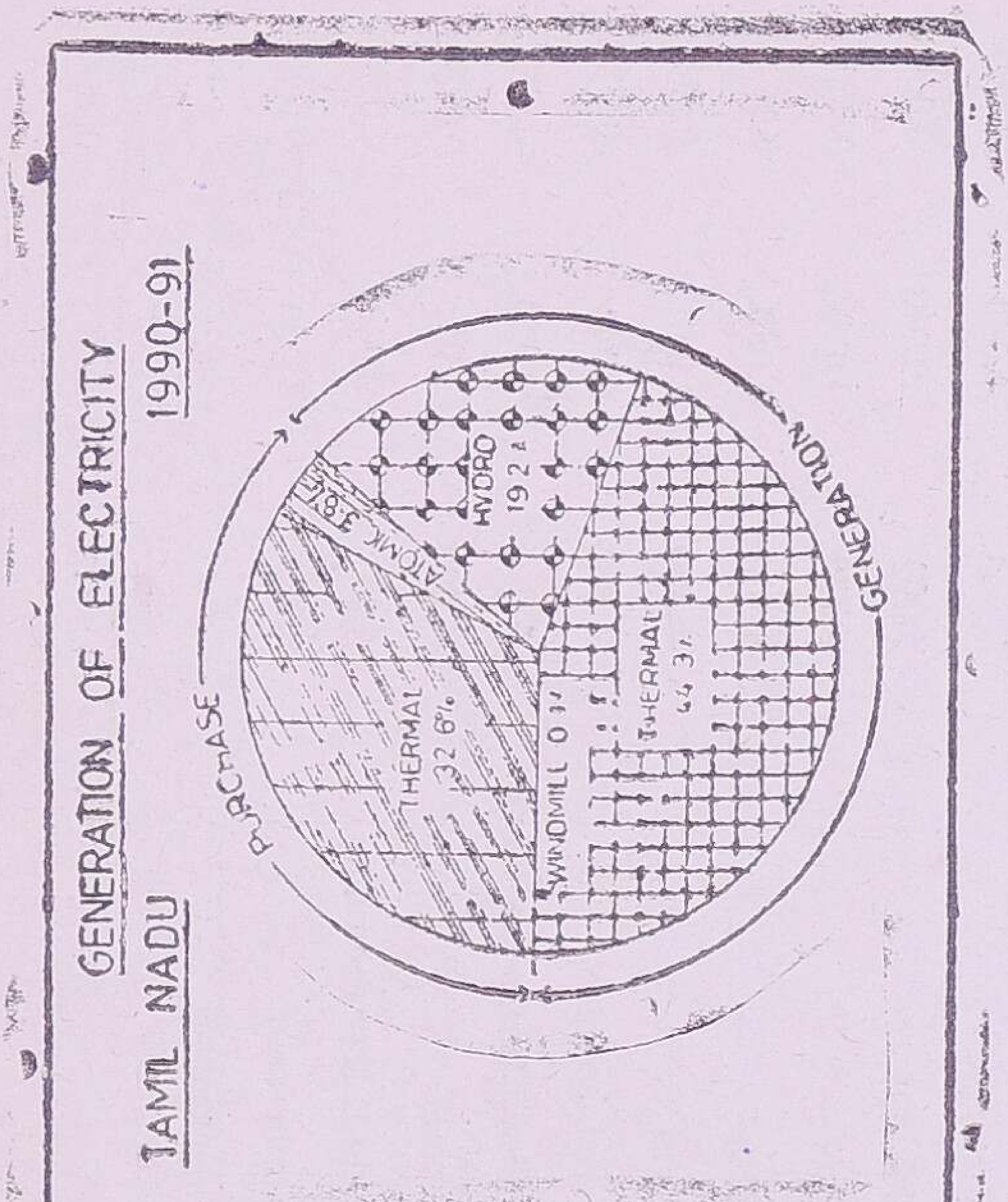
Distribution of Tree and Frnit Seedlinks —1990-91.

]Hectares]

Name of District.	*Ttee Seedlings*	*Ftuit Seedling*		*Total.*
		Graft	*layet*	
(1)	(2)	(3)	(4)	(5)
1 Chengalpattu-M.G.R. ..	3.276	0.050	0,032	3.358
2 South Arcot	5.546	0.030	0.070	5,646
3 North Arcot–Ambedkar	1.752	0.005	0.022	1.779
4 Tiruvannamalai-Sambuvarayar	1 657	0.005	0.027	1,689
5 Salem	4.547	0.070	0.020	4,637
6 Dharmapuri	3.980	0.080	0.070	4,130
7 Coimbatore	5.460	0.050	0.027	5,537
9 Periya r	3.500	0.010	0.036	3,546

9 Tiruchirappalli	5,000	0.040	0.060	5,100
10 Pudukkottai	5,000	0.040	0.060	5,10.0
11 Thanjavur	1,720	0.010	0.060	1,790
12 Madurai	5,500	0,050	0.067	5,617
13 Dindigul Anna ..	4,480	0.050	0.034	4,564
14 Ramanathapuram ..	4,500	0.040	0.025	4,565
15 Pasumpon Muthuramalinga Thevar	4,025	0.060	0.040	4,125
16 Kamarajar	4,000	0,055	0.020	4,075
17 Tirunelveli-Kattabomman	4.035	0.040	0.034	4.109
18 Chidambaranar	3,955	0.030	0.040	4.025
19 Kanniyakumari	..	...	-..	...
20 Nilgiris	..	...	..	...
Total ..	71,933	0.715	0,744	73,392

Source : Director of Agriculture, Madras.


GENERATION OF ELECTRICITY
TAMIL NADU 1990-91
PURCHASE
GENERATION
THERMAL 32.6%
ATOMIC 3.8%
HYDRO 19.2%
WINDMILL 0.1%
THERMAL 44.3%

10. ELECTRICITY.

TABLE 10.1.

INSTALLED CAPACITY AND GENERATION OF ELECTRICITY 1990-91.

Serial number and name of the Power Station.	Year of operation.	Installed capacity in M.W.	Generation in M.U.	Station consumption in M.U.	Net units sent out in M.U.
(1)	(2)	(3)	(4)	(5)	(6)
A. GENERATION					
(a) *Hydro*—					
1 Pykara	58th	70	324.426	1.113	323.323
2 Moyar	39th	36	137.952	0.550	137.402
3 Kundah I ..	31st	60	262.853	0.624	262.229
4 Kundah II ..	31st	175	605.031	0.739	604,292
5 Kundah III ..	26th	180	373.196	1.879	371.317
6 Kundah IV ..	25th	100	111.554	0.282	111.272
7 Kundah V ..	27th	40	88.227	0.279	87.748
8 Mettur Dam ..	54th	40	45.511	0.982	44.529
9 Mettur Tunnel ..	26th	200	205.549	0.648	204.901

TABLE 10.1.—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)
10 Lower Mettur ..	4th	120	231.027	3.279	227.748
11 Periyar ..	33rd	140	491.440	2.001	489.439
12 Suruliar ..	13th	35	71.861	0.360	71.501
13 Papanasam ..	47th	28	98.860	0.477	98.383
14 Servalar ..	6th	20	18.047	0.122	17.925
15 Sarkarpathy ..	25th	30	108.411	0.074	108.337
16 Aliyar	21st	60	133.679	0.362	133.317
17. Kadamparai ..	4th	400	84 062	2.972	81.09
18. Solayar I ..	20th	70	229.440	0.616	228.824
19 Sholayar II ..	21st	25	47.660	0.200	47.46
20 Kodayar I ..	21st	60	189.586	0.411	189.175
21 Kodayar II ..	20th	40	75.217	0.246	74.971
29 Pykara - Micro Hyde ..	2nd	2	8.582	0.109	8.473

22 Vaigai - Micro Hydel	2nd	6	18,794	0.076	18,718
24 Lower Bhavani Micro-Hydei ..	2nd	4	21,146	0.137	21.009
(a) Hydro Total ..		1945	3,982.121	18,538	3963.583
(b) Windmil G ne-ration.. ..	5th	14	30.459	..	30.459
Thermal					
25 Ennore T.P.S. ..	22nd	450	2009.132	245.050	1764.082
26 Tuticorin T.P.S....	12th	840	3938.850	309.384	3629.466
27 Mettur T.P.S. ...	5th	840	3258.552	287.512	2971.040
(c) Total Thermal ..	..	2,130	9206.534	841,946	8364.588
(d) Power Purchase from Atomic Kalpakkam ...		470	794.070	..	..
B. power purchased **Central Sector—**					
1 Neyveli Thermal Station I		600	2940·372	..	..
2 Neyveli Thermal Station II		630	966.402	..	..

TABLE—10.1—Cont

(1)	(2)	(3)	(4)	(5)	(6)
3 S.T.P.S. Ramagundam		2100	2850.893	..	..
4 Manali ..	..	..	22.420	..	..
C. *Others*					
1 CCDP, Bhel, Trichy ..	..	..		0,757	
(*e*) Total Power Purchased	..	..		7574.914	
Grand Total $(a+b+c+d+e)$	..	..		20,794.028	
D. Power Supply to Other States	..				
E. Per capita consumption ..	...			295 P units	
F. *Power Demand*—					
(i) Instantaneous Peak demand	...	3119 M W at 0750 Hrs. on 15th January 1991			
(ii) Sustained Peak deemand	..	3093.6 M W between 19.00 and 19.30 Hrs. on 25th March 1991.			

Source : Chief Engineer, Tamil Nadu Electricity Board, Madras.

TABLE 10.2.

TRANSMISSION AND DISTRIBUTION OF ELECTRICITY 1990-91.

1	Total Length of E.H.T. and H.T. Lines existing (Km.) ..	1,04,199
2	Total Length of L.T. Lines Existing (Km.)	3,38,954
3	Number of Distribution Transformers (Existing)	86,424
4	Number of E.H.T. Sub-stations existing	365
5	Number of H.T. Sub-Stations existing	180

Source : Chief Engineer, Tamil Nadu Electricity Board, Madras.

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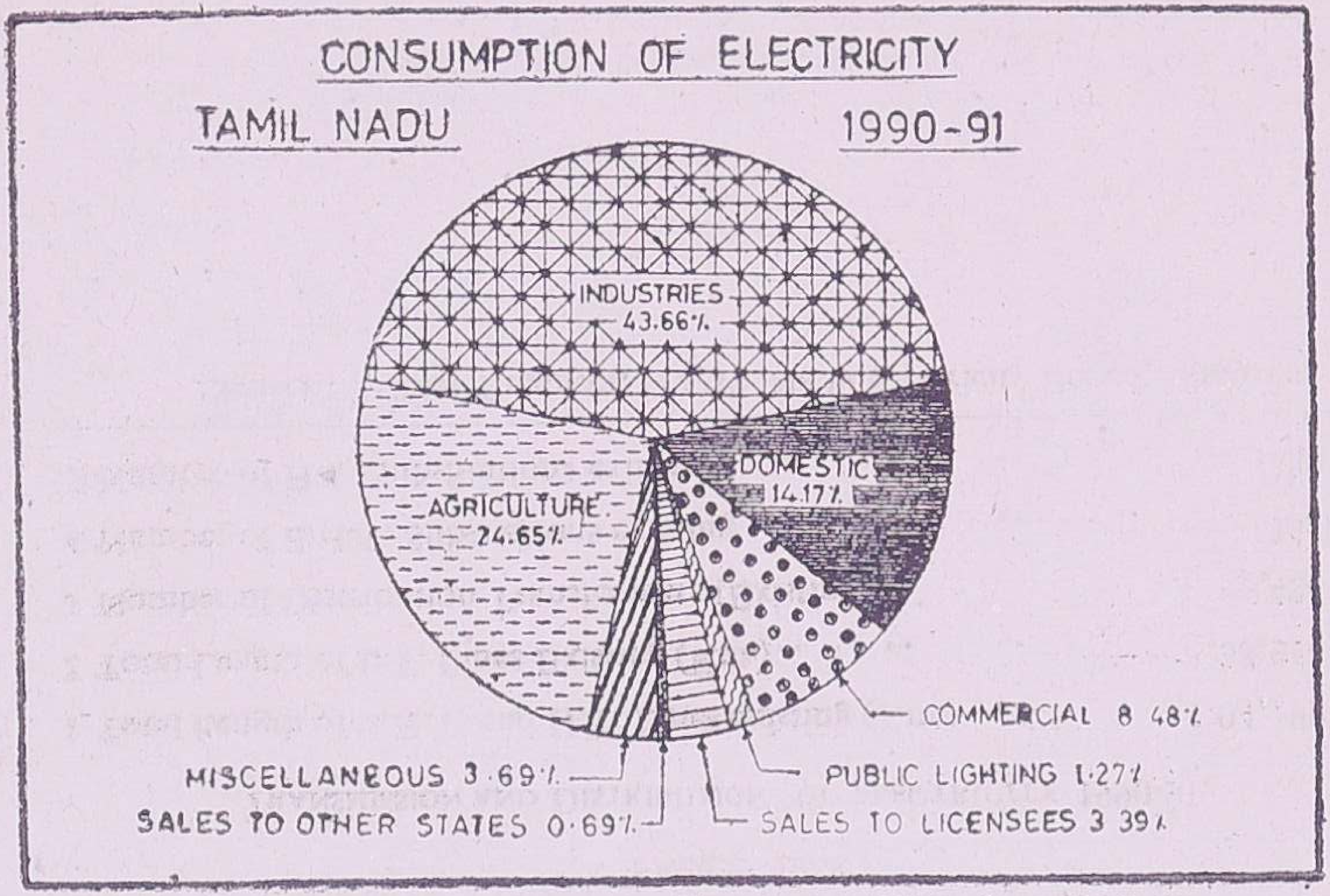
CONSUMPTION OF ELECTRICITY
TAMIL NADU
1990-91
INDUSTRIES 43.66%
DOMESTIC 14.17%
AGRICULTURE 24.65%
COMMERCIAL 8 48%
PUBLIC LIGHTING 1·27%
SALES TO LICENSEES 3 39%
MISCELLANEOUS 3·69%
SALES TO OTHER STATES 0·69%

TABLE 10.3.

CONSUMPTION OF ELECTRICITY 1990-91. (p)

Serial number and Category.		*Consumption in Million Units*	*Percentage of Consumption*
(1)		(2)	(3)
1	Industries	6,891	43.66
2	Agriculture	3,890	24.65
3	Domestic	2,236	14.17
4	Commercial	1.338	8.48
5	Public Lighting	200	1.27
6	Sales to Licensees	535	3.39
7	Sales to Other States	109	0.69
8	Miscellaneous	583	3.69
	Total ..	15,782	100.00

Source : Chief Engineer Tamil Nadu Eltecticity Board, Madras.

TABLE 10.4.

RURAL ELECTRIFICATION 1990–91

Serial number. (1)	Name of the District. (2)	Number of Towns, Villages and Hamlets Electrified during the year 1990-91. Towns. (3)	Villages. (4)	Hamlets. (5)
1	Madras	..	..	..
2	Chengalpattu-MGR	..	1	—
3	South Arcot ..	..	..	..
4 5	North Arcot-Ambedkar Tiruvannamalai-Sambuvarayar	..	..	..
6	Salem	..	1	21
7	Dharmapuri ..	..	..	—
8 9	Periyar .. .. Coimbatore ..	..	..	..

10	Thanjavur		..	..	..
11	Tiruchirappalli ..		..	..	..
12	Pudukkottai ..		..	..	..
13	Dindigul-Anna ..	}			
14	Madurai		..	..	..
15	Ramanathapuram ..		..	..	..
16	Pasumpon Muthuramalinga Thevar	}			
17	Kamarajar		..	..	..
18	Tirunelveli Kattabomman ..	}			
19	Chidambaranar ..		..	..	..
20	Kanniyakumari ..		..	..	..
21	Nilgiris ..		..	..	..
	Total ..		..	2	21

TABLE 10.4—*cont.*

Serial number.	Name of the District.	Number of Towns, Villages and Hamlets Electrified upto 31st March 1991.			Number of Pump sets energised.	
		Towns,	Villages,	Hamlets.	During the year 1990–91	Upto the end of the year as on 31st March 1991.
		(6)	(7)	(8)	(9)	(10)
1	Madras	1	..	..	..	..
2	Chengalpattu-MGR	74	1,855	2,445	2,584	95,158
3	South Arcot	14	2280	1,850	6,084	1,50,396
4	North Arcot-Ambedkar	32	1,871	2,219	5,216	2,16,976
5	Tiruvannamalai Sambuvarayar					

6	Salem	43	966	4,367	3,593	1,46,262
7	Dharmapuri ..	7	1,065	3,510	3,054	62,200
8	Periyar	58	928	6,018	3,827	193,605
9	Coimbatore ..					
10	Thanjavur	31	1,728	3,866	2,992	42,444
11	Tiruchirappalli ..	26	894	4,244	5,590	1,14,510
12	Pudukkottai ..	7	747	2,415	1446	27,386
13	Dindigal - Anna	38	999	4,730	3,221	1,28,838
14	Madurai					
15	Ramanathapuram ..	34	1,411	5,034	1,170	54,854
16	Pasumpon Muthuramalinga Thevar					
17	Kamarajar					
18	Tirunelveli-Kattabomman ..	52	945	3,716	2,196	82,071
19	Chidambaranar ..					

TABLE 10.4.—*cont*.

		(6)	(7)	(8)	(9)	(10)
20	Kanniyakumari ..	5	83	2,490	172	3,333
21	The Nilgiris ..	17	43	821	25	638
	Total ..	439	15,815	47,725	41.170	13,18,671

Source : Superintending Engireer, Rural Electrification, Tamil Nrdu Electricity Board, Madtas.

TABLE—10.5.

STREET LIGHTS 1990—91

Serial number.	*Name of Electricity Distribution Circle.*	*Street Lights energised as an 31st March* 1990	*Street Lights energised during* 1990–91	*Cumulative Total as on 31st March* 1991.
(1)	(2)	(3)	(4)	(5)
1	Coimbatore (North) ..	22,434	617	23,051
2	Coimbatore (South) ..	29,078	900	29,978
3	Mettur	37,797	21,75	39,972
4	Periyar ..	43,523	2,275	45,798
5	Salem	34,592	1575	36,167
6	Udumalpet	17,284	575	17,859
	Coimbatore Region ..	184,708	8,117	1,9,2825

TABLE—10.5.—*cont.*

(1)	(2)	(3)	(4)	(5)
1	Chengalputtu ..	28,458	1125	29,583
2	Kancheepuram ..	27,776	900	28,676
3	Madras Central ..	1,122	30	1,152
4	Madras North ..	21,050	795	21845
5	Madras South ..	16,338	455	16,793
	Madras Region ..	94,744	3,305	98,049
1	Chidambaranar ..	37,833	750	38,583
2	Kamarajar ..	31,335	900	32,235
3	Kanniyakumari ..	36,034	825	36,859
4	Madurai ..	46,253	1,425	47,678
5	Ramanathapuram ..	57,000	750	57,750

6	Tirunelveli-Kattabomman	57,233	900	58,183
	Madurai Region ..	2,65688	5,550	2,71,238
1	Dindigul-Anna ..	34,732	1275	36,007
2	Pudukkottai	26,207	600	2,6807
3	Thanjavur (East) ..	55,576	600	56,176
4	Thanjavur (West) ..	51,059	2175	53,234
5	Tiruchi (North) ..	32,955	2250	35,205
6	Tiruchi (South)	48,291	1,800	50,091
	Tiruchi Region ..	2,48,820	8,700	2,57,520
1	Cuddalore	54,421	1050	55,471
2	Dharmapuri	34,795	450	35,245
3	Tirupathur	221,43	168	22,311
4	Tiruvannamalai ..	34,296	750	35,046
5	Vellore	28,332	753	29,085

TABL·E—10.5.—*cont*

(1)	(2)	(3)	(4)	(5)
6	Villupuram	43,975	1200	45,175
	Vellore Region ..	2,17,962	4,371	2,22,333
	Grand Total ..	10,11,922	30,043	10,41,965

Source : Superintending Engineer, Rural Electrification, Tamil Nadu Electricity Board, Madras.

11. INDUSTRIES.

TABLE 11.1

RESULTS OF ANNUAL SURVEY OF INDUSTRIES 1987-88.

	Characteristics. (1)	*Units.* (2)	Results for *All Industries.* (3)
1	Number of Factories	Numbers	13,961
2	Fixed Capital	Rs. in lakhs.	6,60,478
3	Working Capital	"	2,55,845
4	Productive Capital	"	9,16,324
5	Iuvested Capital	"	1,02,9404
6	Outstanding Loans	"	7,63,668
7	Mandays Workers Worked	Nos.in lakhs.	2,191
8	Mandays Employees Worked... ..	"	2,768

TABLE 11.1—*cont*.

	Characteristics. (1)	*Units.* (2)	*Results for All Industries.* (3)
9	All Workers	Number	7,11,791
10	All Employees	Number	8,88,237
11	Wages to Workers	Rs.in lakhs	92,816
12	Emoluments to Employees	,,	1,45,282
13	Fules Consumed	,,	1,49,954
14	Meterial Consumed	,,	10,10,229
15	Industrial Services	,,	73,215
16	Non-Industrial Services	,,	53,987
17	Total Input	,,	12,87,386
18	Products	,,	15,45,671

19	Other Output	(Rs.in lakhs)	101,510
20	Total output	,,	16,47,181
21	Depreciation	,,	64,428
22	Value Added	,,	2,95,365
23	Factor Payment	,,	81,657
24	Nett Income	,,	2,13,707

Source : Director of Statistics, **Madras.**

TABLE 11.2

ESTIMATES OF OUTPUT AND VALUE ADDED BY MANUFACTURE BASED ON ANNUAL SURVEY OF INDUSTRIES—1987-88.

(Rupees in lakhs).

Industry Group.	*Description of the Industry.*	*All Employees Numbers.*	*Value of Output*	*Value added*
(1)	(2)	(3)	(4)	(5)
20–21	Food Products	1,08,443	1,75,203	31,655
22	Beverages, tobacco and products ..	10,422	19,449	2,233
23	Cotton Textiles	1,70,144	2,12,588	41,142
24	Wool, Silk and Synthetic Fibres Textiles.	7,771	10,996	2,028
25	Jute, Hemp and Mesta Textiles ..	60	27	..
26	Textile Products	34,717	39,800	6,164

27	Wood and Wood products.	5,149	2,187	509
28	Paper and Paper products. Printing Publishing allied industries ..	35,307	48,910	7,636
29	Leather, Leather and Fur products	35,758	70,111	8,253
30	Rubber, Plastic, Petroleum and Coal Products	23,127	1,98,725	23,178
31	Chemical and Chemical Products ..	1,00,612	1,73,909	31,386
32	Non-metallic Mineral Products ..	30,713	62,186	14,352
33	Basic Metal and Alloys Industries ..	28,069	76,349	7,719
34	Metal products and Parts	15,866	20,456	3,683
35	Machinery Machine Tools, and Parts	72,401	1,75,160	34,846
36	Electrical Machinery	27,000	52,734	9,301
37	Transport equipments and Parts ..	72,621	1,29,964	28,305
38	Other Manufacturing Industries ..	6,233	12,978	3,408
40	Electricity	74,681	1,38,430	35,098

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TABLE 11.2—*cont.*

(1)	(2)	(3)	(4)	(5)
41&42	Gas, Steam, Water works and supply .	576	10,432	(—) 2,133
91	Sanitary Services	432	156	67
95	Recreational and Cultural Services.	1,112	1,183	507
96	Personal Services	318	128	39
97	Repair Services	26,683	14,893	5,972
	State Total ..	8,88,237	16,47,181	2,95,365

Source : Director of Statistics, Madras.

TABLE 11.3.

INDUSTRIAL PRODUCTION, 1990.

Serial number.	*Name of the Product.*	*Unit.*	*Production.*
(1)	(2)	(3)	(4)
1	Sugar (Refined)	Tonne	10,24,419
2	Vanaspathy	,,	27,657
3	Refined Oil	,,	6,690
4	Tea (Processed)	,,	1,00,867
5	Coffee (Cured)	,,	10,533
6	Cotton Yarn	,,	4,38,552
7	Cotton Woven Piece Goods	'000' metres	1,60,571
8	Printing and Wrapping paper	Tonne	13,500
9	Tyres (All types)	Number	82,16,000

TABLE 11.3—*cont.*

(1)	(2)	(3)	(4)
10	Tubes (All types)	Number	30,18,000
11	Superior Kerosene	Tonne	8,20,023
12	High Speed Diesel Oil	,,	16,32,104
13	Ammonia	,,	4,97,636
14	Caustic Soda	,,	90,221
15	Urea	,,	9,30,557
16	Super Phosphate	,,	2,26,781
17	Mixed Fertilizers	,,	10,52,758
18	Pesticides	,,	31,005
19	Paints and Enamels	Kilogram	64,13,000
20	Varnishes	Litre	1,76,546
21	Safety Matches	'000' gross boxes	2,43,620

22	Refractories	Tonne	1,97,579
23	Cement	,,	38,60,000
24	Asbestos Cement Products	Tonne	1,17,582
25	Coated Abrasives	Ream	52,822
26	Bonded Abrasives	Tonne	5,883
27	Iron and Steel (Metal)	,,	3,16,782
28	Castings (Iron and Steel)	,,	79,318
29	Non-Ferrous (Metal)	,,	5,923
30	Metal Containers, Caps and Closures	,,	15,198
31	Tractors	Number	20,993
32	Earth Moving Machinery	,,	22
33	High Pressure Boilers and Fittings	Tonne	1,28,206
34	Diesel Engines	Number	197,169
35	Frames (Textiles)	,,	2,551

TABLE—11.3—*cont.*

(1)	(2)	(3)	(4)
36	Power driven pumps	,, ..	1,87,227
37	Typewriters	,, ..	31,766
38	Transformers	K.V.A. ..	3,24,150
39	Electric Motors	Number ..	1,90,598
40	Dry Cells	'000 " Number ..	1,35,800
41	Railway Coaches	Number ..	979
42	Railway Wagons	,, ..	254
43	Completed Motor Vehicles	,, ..	..
44	Motor Vehicle Chassis	,, ..	20,262
45	Body Building	,, ..	1,620
46	Motor Cycles	,, ..	1,90,293

47	Bi-cycles	Number ..	11,27,281
48	Synthetic Gem Stones	Kilogram ..	15,99[illegible]

Source: Director of Statistics, Madras.

TABLE 11.4.

PRODUCTION AND VALUE OF MAJOR MINERALS—1990.

State, District and Mineral.	*Production.*		
	Number of Mines.	*Quantity (Tonne).*	*Value (Rs. in '000').*
(1)	(2)	(3)	(4)
Tamil Nadu	158	..	39,76,081
Natural Gas (S)	..	32	36,960
Petrolium (Crude) (d) (£)	..	311	6,57,143
Chengalpattu-MGR	2	..	232
Fire Clay	1	7,378	147
Silica Sand	1	564	85
Coimbatore	19	..	36,796
Gypsum	13	57,059	5,240
Limestone (£)	6	790	31,556

Dharmapuri	2	..	303
Kaolin (Total)	1	3,380	270
Quartz	1	487	33
Kamarajar	4	..	61,734
Limestone (£)	4	797	61,734
Kanniyakumari	1	..	2,424
Garnet (Abrasive)	1	3,124	24,24
Madurai	4	..	729
Graphite (r.o.m.)	1	3,605	650
Limestone (£)	3	2	79
The Nilgiris	3	.	2,702
Bauxite	3	42,948	2,702
North Arcot-Ambedkar and ..	1	..	708
Tiruvanamalai-Sumbuyarayar,			
Vermiculite	1	876	708

TABLE 11.4—*cont.*

(1)	(2)	(3)	(4)
Pasumpon Muthuramalinga Thevar ..	..	..	..
Graphite (r.o.m.)	..	..	..
Periyar	6	..	541
Felspar	3	1,565	223
Quartz	3	2,649	318
Ramanathapuram	1	..	298
Limestone (£)	..	..	..
Lime shell	1	2,139	298
Salem	39	..	2,55,932
Bauxite	4	80,342	5,079
Felspar	4	2,150	222
Limestone (£)	16	551	56,408

Magnesite	8	4,25,536	1,93,117
Quartz	5	5,452	880
Steatite	2	4,525	226
South Arcot	15	..	27,42,146
Lignite (£)	2	11,800	27,41,129
Ball Clay	1	230	40
Fir clay	10	34,318	813
Kaolin (Total)	1	111	58
Limeshell	1	1,372	106
Tiruchirappalli	27	..	50,547
Felspar	3	1,284	277
Fireclay (others)	4	39,196	1,151
Gypsum	2	2,229	480
Sillimanite	..	..	..
Limestone (£)	13	1,618	48,370
Quartz	5	1,333	269
Silica Sand	..	..	..

TABLE 11.4—*cont.*

(1)	(2)	(3)	(4)
Tirunelveli Kattabomman	31	..	92,477
Garnet (Abrasive)	1	1,325	139
Limestone (£)	30	1,068	92,338
Dindigul-Anna	1	..	27,973
Felspar	..	..	..
Limestone (£)	1	688	27,973
Chidambaranar	2	—	6,436
Limestone (£)	2	102	6,436

TABLE 11.4.—*cont.*

1989.

State, District and Mineral. (1)	Production. *Number of Mines.* (5)	*Quantity (Tonne).* (6)	*Value (Rs. '000').* (7)
Tamil Nadu	174	..	33,26,648
Natural Gas (S)	..	27	31,185
Petroleum (Crude) (d) £	..	152	3,20,276
Chengalpattu-MGR	3	..	279
Fireclay	2	4,325	222
Silica Sand	1	383	57
Coimbatore	17	..	31,819
Gypsum	11	44,280	3,891
Limestone (£)	6	704	27,928

TABLE 11.4—*contd.*

	(2)	(3)	(4)
Dharmapuri	2	..	200
Kaolin (Total)	1	2,835	170
Quartz	1	457	30
Kamarajar	4	..	64,283
Limestone (£)	4	811	64,283
Kanniyakumari	1	..	3,647
Garnet (Abrasive)	1	4,679	3,647
Madurai	4	..	670
Graphite (r.o.m.)	1	3,810	585
Limestone (£)	3	2	85
The Nilgiris	3	..	1,022
Bauxite	3	25,703	1,022

North Arcot-Ambedkar and Tiruvannamalai Sambuvarayar.	1	..	592
Vermiculite	1	1,092	592
Pasumpon Muthuramalinga Thevar ..	1	..	59
Graphite (r.o.m.)	1	592	59
Periyar	4	..	521
Felspar	2	1,089	145
Quartz	2	2,666	376
Ramanathapuram	2	..	379
Limestone (£)	1	..	7
Limeshell	1	2,322	372
Salem	47	..	2,39,071
Bauxite	4	57,467	4,513
Felspar	3	2,417	400
Limestone (£)	23	582	59,271

TABLE 11.A—*cont.*

(1)	(2)	(3)	(4)
Magnesite	9	3,80,838	1,73,727
Quartz	5	5,749	862
Steatite	3	6,889	298
South Arcot	13	..	24,81,379
Lignite (£)	2	11,090	24,79,243
Ball clay	1	1,067	187
Fireclay	8	19,471	657
Kaolin (Total)	1	2,068	1,063
Limeshell	1	2,941	229
Tiruchirappalli	41	..	48,607
Felspar	6	3,683	463
Fireclay	4	37,916	1,109
Gypsum	1	403	31
Sillimanite	1	4	3
Limestone(£)	22	1,656	46,328
Quartz	6	4,064	671

Silica Sand	1	314	2
Tirunelveli-Kattabomman	26	..	75,218
Garnet (Abrasive)	..	..	..
Limestone (£)	26	910	75,218
Dindigul Anna	3	..	20,231
Felspar	2	213	17
Limestone (£)	1	497	20,214
Chidambaranar	2	..	7,210
Limestone (£)	2	115	7,210

(d) Districtwise data are not available.

(S) Quantity in Million Cu. Metres.

(£) Quantity in Thousand tonnes [Limestone].

Source : Controller-General, Indian Bureau of Mines, Nagpur.

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TABLE 11.5.

PRODUCTION OF HANDLOOM CLOTH 1990-91.

Item (1)	*Variety of Cloth.* (2)	*Production.* (IN '000' METRES). (3)
A. **Cotton**	1 Dhoties	51,373
	2 Sarees	85,377
	3 Towels	36,312
	4 Kerchiefs	2,252
	5 Lungies	46,537
	6 Bedspreads ..	9,568
	7 Angavastrams ..	37
	8 Shirtings	14,266

	9	Coatings	583
	10	Gada	14,733
	11	Carpet	4,919
	12	Curtain Cloth ..	222
	13	Pillow Cover ..	60
	14	Pavadai and Dhavani.	1,839
	15	Others	17,109
		Total	2,85,187
B. Silk ..	1	Dhoties	593
	2	Sarees	7,863
	3	Angavastrams ..	17
	4	Pavadai and Dhavani.	647
	5	Others	516
		Total	9,636

TABLE 11.5—*cont.*

(1)	(2)	(3)
C. Art Silk Cloth.	1 Dhoties	667
	2 Sarees	10,472
	3 Lungies	11
	4 Pavadai and Dhavani.	1,992
	5 Others	1,300
	Total	14,442
D. Mixture of Cotton and Art Silk.	1 Dhoties	27
	2 Sarees	17,152
	3 Others	151
	Total	17,330
	Grand Total ..	3,26,595

Source : Director of Statistics, Madras.

TABLE—11.6

SMALL SCALE INDUSTRIES—1990-91.

Serial number.	*Industry Group.*	*Classification.*	*Number of units.*
(1)	(2)	(3)	(4)
1	20–21	Food and Food Products	16,374
2	22	Beverages, Tobacco and Tobacco Products ..	1,354
3	23	Cotton Textiles	8,773
4	24	Wool, Silk and Synthetic Fibre Textiles	1,545
5	25	Jute, Hemp and Mesta Products	167
6	26	Hosiery and Readymade Garments	10,388
7	27	Wood and Wooden Products	4,820

TABLE 11.6—*cont.*

(1)	(2)	(3)	(4)
8	28	Paper and Paper products	10,094
9	29	Leather and Fur Products	3,090
10	30	Rubber and Plastic Products	6,622
11	31	Chemical and Chemical Products	12,467
12	32	Non-Metalic Minerals Products	6,567
12	33	Basic Metal Products	3,031
14	34	Metal Products and Parts	13,177
15	35	Machinery and Parts except electrical	13,647

16	36	Electrical Machinery and Apparatus	5,418
17	37	Transport equipments and Parts	4,165
18	38	Other manufacturing Industries	5,503
		Total	1,27,202

Source : Industries Commissioner and Director of Industries and Commerce, Madras.

TABLE 11.7.

KHADI AND VILLAGE INDUSTRIES 1990-91.

Serial number and Industry. (1)	*Production.* (2)	*Sales.* (3)	*Employment. Lakh persons.* (4)	*Earnings. Rupees in lakhs.* (5)
A. *Khadi*—				
(1) Cotton	3,302.88	3,094.21	0.75	2,108.63
(2) Muslin	162.07	60.04	0.02	83.00
(3) Silk	1,561.10	1,605.19	0.04	322.03
(4) Woollen	..	106.84	..	..
Total (A)	5,026.05	4,866,28	0.81	2,513.66
B. *Village Industries*—				
1. Processing of Cereals and Pulses. ..	808.42	853.66	0.09	136.20

2 Ghani Oil	4,861.04	5,223.11	1.06	438.31
3 Village Leather Polymer based Industries. ..	3,669.64 3.78	3,885.56 3.90	0.51 *	1,098.91 0,68
4 Cottage Match	571.25	700.68	0.09	95.17
5 Agarbathi	313.43	306.88	0.03	35.73
6 Palm Gur	8,779.72	9,771.29	5.34	5,886.86
7 Gur and Khandsari ..	265,40	287.50	0.04	45.00
8 NEO Soap	875.69	974.46	0.22	194.27
9 Handmade Paper ..	84.41	93.36	0.01	26.06
10 Bee Keeping	429.62	527.15	0.51	343.70
11 Village Pottery	1,312.97	1,369.63	0.82	709,72
12 Fibre	264.35	280.19	0.20	163.54
13 Carpentry and Blacksmithy. (Rural Engineering.)	3,099.19	3,211.27	0.21	1,288.49
14 Lime	783.55	875.77	0.13	355.28

TABLE 11.7—*cont.*

(1)	(2)	(3)	(4)	(5)
15 Forest Plants	56.14	58.25	*	5.74
16 Fruit Processing ..	43.20	46.27	0.01	21.13
17 Cane and Bamboo ..	216.03	242.81	0.09	156.05
18 Poly Vastra	1,113.06	935.87	0.11	376.94
19 Textile Industry ..	374.79	119.36	*	17.49
20 Hosiery	2.14	N.A.	N.A.	N.A.

Tailoring ..	..	6.61	2.02	..	N.A.
20 Service Iudustries	..	..	..	*	27.86
Total (B)	..	27,935.03	29,768.99	8.57	11,422.63
Total (A+B)	..	32,961.08	34,635.27	9.38	13,936.26

* Less than 500.

Source : Director, Khadi and Village Industries Commission, Madras.

TABLE 11.8.

NUMBER OF PRINTING PRESSES 1990.

Serial number. (1)	District. (2)	Number. (3)
1	Madras	180
2	Chengalpattu-MGR	32
3	South Arcot	21
4	North Arcot-Ambedkar	8
5	Tiruvannamalai-Sambuvarayar ..	..
6	Salem	15
7	Dharmapuri	4
8	Periyar	11
9	Coimbatore	33

10	Thanjavur	20
11	Tiruchirappalli	25
12	Pudukkottai	4
13	Dindigul-Anna	9
14	Madurai	31
15	Ramanathapuram	..
16	Kamarajar	210
17	Pasumpon Muthuramalinga Thevar	2
18	Tirunelveli-Kattabomman	26
19	Chidambaranar	16
20	The Nilgiris	4
21	Kanniyakumari	11
	Total	662

Source : Chief Inspector of Factories, Madras.

TABLE 11.9.

SERICULTURE 1990-91.

Serial number and district.	Area under mulberry planted.	Production of raw Silk.	
		Quantity. (Kgs.)	Value. (Rupees.)
(1)	(2)	(3)	(4)
1 Chengalpattu-MGR ..	40	2000	17,00,000
2 South Arcot	75	20750	1,76,37,500
3 North Arcot-Ambedkar.	75	34750	2,95,37.500
4 Thiruvannamalai-Sambuvarayar	75	10000	85,00,000
5 Coimbatore	125	72350	6,14,97,500
6 Periyar	200	68950	5,86,07'500
7 Dharmapuri	875	110750	9,41,37,500
8 Salem	175	37850	3,21,72,500
9 Thanjavur	40	1250	10,62,500

10 Tiruchirappalli ..	50	12000	1,02,00,000
11 Pudukkottai	30	1200	10,20,000
12 Dindigul Anna ..	125	8000	68,00,000
13 Madurai	50	9500	80,75,000
14 Ramanathapuram	25	..	..
15 Kamarajar	50	1050	8,92,500
16 Pasumpon Muthuramalinga Thevar	25	350	2,97,500
17 Tirunelveli-Kattabomman	50	3000	25,50,000
18 Chidambaranar ..	25	700	5,95,000
19 Kanniyakumari ..	10	550	4,67,500
20 The Nilgiris ..	55	..	..
Total ..	2,175	395000	33,57,50,000

Source : Director of Sericulture, Salem.

12. FACTORIES

TABLE 12.1

REGISTERED AND WORKING FACTORIES 1990

Serial number.	*Item.*	*Numbers.*
(1)	(2)	(3)
1	Factories on the Register at the beginning of the year	15,625
2	Factories added during the year	1,744
3	Factories removed during the year	659
4	Factories on the register at the end of the year	16,710
5	Number of working factories ..	14,975

Source : Chief Inspector of Factories, Madras

TABLE 12.2

EMPLOYMENT IN WORKING FACTORIES 1990

Serial number.	*Item.*	*Numbers.*
(1)	(2)	(3)
1	Total Number of working Factories	14,975
2	Number of Factories reporting ..	13,300
3	Number of workers employed in all the Factories submitted returns	7,96,134
4	Estimated number of workers in 1675 factories not submitted returns	71,592
5	Estimated total number of workers employed in all factories ..	8,67,726

TABLE 12.2—*cont.*

(1)	(2)		(3)
6	Number of mandays worked during the year		24,24,50,365
7	Average daily number of workers employed :		7,96,134
	(i) Adults ..	Men ..	6,18,691
		Women ..	1,70,140
	(ii) Adolescents	Males ..	1,050
		Females ..	6,253
	(iii) Children ..	Boys ..	..
		Girls ..	..

Source : Chief Inspector of Factories, Madras.

TABLE 12.3

TRADE UNIONS : INDUSTRIAL DISPUTES BY STRIKES, LOCKOUTS AND GHERAOS—1990.

Serial number. (1)	Item. (2)	Numbers. (3)
1	Number of Trade Unions (as on 31st December 1990). ..	5,026
2	*Strike*—	
	(*a*) Number of Strike ..	236
	(*b*) Number of Workers Involved	1,24,710
	(*c*) Number of Mandays Lost	19,03,943
3	*Lockouts*—	
	(*a*) Number of Lockouts ..	29
	(*b*) Number of Workers involved	10,838
	(*c*) Number of Mandays Lost	6,61,135
4	*Gheraos*—	
	(*a*) Number	Nil.
	(*b*) Workers involved ..	
	(*c*) Mandays lost	

***Source*: Commissioner of Labour, Madras.**

13. COMPANIES LIMITED BY SHARES.

TABLE 13.1

INDUSTRIAL CLASSIFICATION OF NEW REGISTRATION OF COMPANIES LIMITED BY SHARES IN TAMIL NADU—1990-91.

Industrial Classification.	*Number of Companies.*		
	Public.	*Private.*	*Total.*
(1)	(2)	(3)	(4)
0. Agriculture and Allied Activities ..	1	40	41
1. Mining and Quarrying	4	43	47
2. Processing and Manufacturing of food stuffs, textiles, leather and Products thereof	25	399	424
3. Processing and Manufacturing Metals, Chemicals and Products thereof ..	18	236	254
4. Other processing and Manufacturing (Not elsewhere classified)	14	269	283

5. Construction and Utilities	4	60	64
6. Commerce (Trade and Finance) ..	77	391	468
7. Transport Communication and Storage	2	50	52
8. Community and Business Services ..	..	1	1
9 Personal and other services	20	315	335
Total ..	165	1,804	1,969

TABLE 13.1—*cont.*

Industrial Classification.	*Authorised Capital (Rs. in lakhs.)*		
	Public.	*Private.*	*Total.*
(1)	(5)	(6)	(7)
0. Agriculture and Allied Activities ..	100.00	1,638.50	1,738.50
1. Mining and Quarrying	1,800.00	1,787.70	3,587.70
2. Processing and Manufacturing of food stuffs, textiles, leather and Products thereof	4,322.25	7,624.81	11,947.06
3. Processing and Manufacturing Metals, Chemicals and Products thereof ..	607.05	3,462.20	4,069.25
4. Other processing and Manufacturing (Not elsewhere classified) ..	1,066.00	2,973.95	4,039.95
5. Construction and Utilities	420.00	765.50	1,185.50
6. Commerce (Trade and Finance) ..	7,268.85	3,718.18	10,987.03

7. Transport Communication and Storage	55.00	1,667.00	1,732.00
8. Community and Business Services ..	..	5.00	5.00
9. Personal and other services	3,374.00	4,691.70	8,065.70
Total	19,013.15	2,8334.54	47,347.60

Source : Registrar of Companies, Madras and Coimbatore

14. MEDICAL AND HEALTH.

TABLE 14.1

HOSPITALS, DISPENSARIES, BED STRENGTH, DOCTORS AND NURSES. 1989-90

Classification.	Modern medicine.	Indian Medicine.		
		Ayurvedic.	*Siddha*	*Unani.*
(1)	(2)	(3)	(4)	(5)
1 Hospitals	262	..	1	1
2 Dispensaries	183	100	557	14
3 Primary Health Centres ..	1,386	..	252	..
4 Health Sub-Centres	8,681	..	..	..
5 Other Medical Institutions ..	155	..	..	..
6 Bed Strength	42,592	..	996	54
7 Number of Doctors	8,356	17	461	10
8 Number of Nurses	16,330	9	59	

Classification.		Indian medicine.		Homoeopathy.	Grand Total.
		Ayurvedic siddha unani combined.	Total.		
(1)		(6)	(7)	(8)	(9)
1	Hospitals	1	3	2	267
2	Dispensaries	..	671	30	884
3	Primary Health Centres	..	252	..	1,638
4	Health Sub-Centres	..	..	..	8,681
5	Other Medical Institutions	..	..	..	155
6	Bed Strength	209	1,259	50	44,901

TABLE 14.1—*cont.*

(1)	(6)	(7)	(8)	(9)
7 Number of Doctors	..	488	60	8,904
8 Number of Nurses	..	70	7	16,407

Note Particulars relating to Local Bodies, Voluntary Organisations and Private Agencies are not included.

Source : Respective Heads of Department .

15. FAMILY WELFARE

TABLE 15.1

PROGRESS OF FAMILY WELFARE PROGRAMME—1990-91

Method.	*Progress during the year*		*Percentage of Achievement*
	Target.	*Achievement*	
(1)	(2)	(3)	(4)
1 Sterilisation	4,25,000	3,82,512	90.0
2 I.U.D.	5,50,000	4,19,197	76.2
3 Users of conventional contraceptives ..	3,89,000	2,96,977	76.3
4 Users of Oral Pills	1,73,600	1,76,786	101.8

Source : Director of Family Welfare, Madras.

TABLE 15.2

PROGRESS OF FAMILY WELFARE PROGRAMME BY DISTRICTS—1990-91.

District.	Number of Institutions.		Sterilisation.		I.U.D.	
	Rural	Urban	Target.	Achievement.	Target	Achievement.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Madras	..	4	50,000	55,969	67,000	77,755
2 Chengalpattu-MGR.	27	11	27,000	25,014	35,000	24,121
3 South Arcot ..	34	14	37,000	27,996	45,000	30,963
4 North Arcot-Ambedkar.	19	10	24,000	20,272	28,500	19,248
5 Thiruvannamalai-Sambuvarayar.	19	7	13,000	15,456	22,000	13,589
6 Salem	35	11	31,000	23,683	40,000	23,816
7 Dharmapuri ..	16	7	18,000	15,156	22,000	13,747
8 Periyar ..	24	8	15,000	15,543	22,000	7,732
9 Coimbatore ..	21	9	24,000	22,011	32,000	13,481

10 The Nilgiris ..	6	4	5,000	4,841	6,000	4,721
11 Thanjavur ..	34	10	35,000	25,227	40,000	28,364
12 Tiruchirappalli ..	31	11	32,000	20,266	40,000	24,871
13 Pudukkottai ..	10	8	10,000	8,318	12,500	13,499
14 Dindigul-Anna ..	15	5	14,000	14,852	18,000	19,172
15 Madurai ..	20	9	26,000	23,010	33,000	33,476
16 Ramanathapuram	11	5	9,000	6,957	11,000	5,230
17 Kamarajar ..	11	5	10,000	10,705	16,000	11,160
18 Pasumpon Muthu-ramalinga Thevar	10	7	9,000	7,362	12,000	13,653
19 Tirunelveli-Kattabomman.	19	11	18,000	15,617	22,000	14,731
20 Chidambaranar ..	12	10	8,000	8,006	14,000	15,178
21 Kanniyakumari ..	9	5	10,000	9,821	12,000	10,690
State ..	383	171	4,25,000	3,82,512	5,50,000	4,19,197

TABLE 15.2—*cont.*

District.	Oral Pills users.		Users of conventional contraceptives.	
	Target.	*Achievement.*	*Target.*	*Achievement.*
(1)	(8)	(9)	(10)	(11)
1 Madras	14,600	7,377	29,000	21,734
2 Chengalpattu-MGR	11,500	12,763	25,000	22,725
3 South Arcot	15,000	13,246	34,000	21,505
4 North Arcot-Ambedkar	9,500	8,172	22,000	19,143
5 Tiruvannamalai-Sambuvarayar ..	6.500	6,999	16,000	11,853
6 Salem	12,500	12,422	30,000	22,032
7 Dharmapuri	8,500	7,130	19,000	9,992
8 Periyar	7,500	4,194	18,000	10,907
9 Coimbatore	11,500	10,293	23,000	13,473
10 The Nilgiris	2,500	1,786	5,000	3,768

11 Thanjavur	14,000	15,759	30,000	31,147
12 Tiruchirappalli	13,500	11,692	30,000	17,315
13 Pudukkottai	4,000	6,672	9,000	7,663
14 Dindigul-Anna	5,500	7,750	13,000	13,029
15 Madurai	10,000	11,531	22,000	17,817
16 Ramanathapuram	3,500	4,420	8,000	5,384
17 Kamarajar	4,500	5,327	12,000	9,390
18 Pasumpon Muthuramalinga Thevar ..	3,500	4,562	7,000	7,362
19 Tirunelveli-Kattabomman	7,000	9,275	16,000	10,461
20 Chidambaranar	4,000	6,394	10,000	10,044
21 Kanniyakumari	4,500	9,023	10,000	10,232
State	1,73,600	1,76,786	3,89,000	2,96,977

Source : Director of Family Welfare, Madras.

16. EDUCATION.

TABLE 16.1

UNIVERSITIES, STUDENTS AND TEACHERS 1989-90.

Name of Institution.	Students.			Teachers.
	Boys.	Girls.	Total.	
(1)	(2)	(3)	(4)	(5)
1 Madras University	1,110	1,003	2,113	383
2 Anna University	3,839	711	4,550	428
3 Dr. M. G. R. Medical University ..	..	..	..	..
4 Annamalai University	6,419	1,607	8,026	665
5 Tamil Nadu Veterinary and Animal Science University.	680	137	817	205
6 Tamil Nadu Agricultural University	1,391	970	2,361	470
7 Bharathiar University	246	153	399	78

8	Tamil University Thanjavur	..	..	..	..
9	Bharathidasan University	298	118	416	79
10	Madurai Kamaraj University ..	841	457	1,298	239
11	Gandhigram Rural University ..	809	302	111	90
12	Mother Teresa Women's University	..	236	236	32
13	Alagappa University	399	201	600	60
14	Avinashilingam University ..	..	2,207	2,207	162

Source : Registrars of respective Universities.

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TABLE 16.2.

COLLEGES FOR GENERAL EDUCATION, STUDENTS AND TEACHERS 1989-90.

Name of Institution.	*Number of insti-tution.*	*Students.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1. Government Colleges ..	54	36,425	22,720	59,145	4,603
2. Aided and Un-aided Colleges.	155	88,208	55,862	1,44,070	10,998
3. Total	209	1,24,633	78,582	2,03,215	15,601

Source : Director of Collegiate Education, Madras.

TABLE 16.3.

COLLEGES FOR PROFESSIONAL EDUCATION, STUDENTS AND TEACHERS 1989-90

Name of Institution. (1)	Number of institution. (2)	Students. Boys. (3)	Girls. (4)	Total. (5)	Teachers (6)
1. Medical Colleges :					
(a) M.B.B.S. and P.G. Courses.	13	4,875	3,450	8,325	3,206
(b) B.D.S. and P.G. Courses.	7	800	458	1,258	185
(c) Siddha	2	407	450	857	78
(d) Homoeopathy ..	1	44	52	96	25
(e) Ayurveda	2	153	25	178	31
(f) Unani .. —	1	38	21	59	9
2. B.Sc. Nursing	3	9	444	453	73

TABLE 16.3—*cont*

(1)	(2)	(3)	(4)	(5)	(6)
3. Colleges for Engineering and Technology	42	34,333	6,175	40,508	3,293
4. Agricultural Colleges ..	6	1,391	970	2,361	470
5. Veterinary Colleges ..	2	1,028	137	1,165	259
6. Fisheries College ..	1	68	27	95	46
7. Law Colleges	6	5,433	945	6 378	147
8. Teachers Training Colleges.	24	1,614	2,074	3,688	253
9. Colleges for Physical Education.	5	546	190	736	62

10. Music Colleges	3	326	319	645	52
11. Colleges for Arts and Crafts	3	569	49	618	81
12. Institutions for M.B.A. Course.	8	628	77	705	66

Source : Respective Heads of Institutions.

TABLE 16.4.

Colleges for Special Education, Students and Teachers 1989-90.

Name of Institution.	*Number of Institution.*	*Students.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1. Colleges for Oriental Studies.	15	1,026	638	1,664	176
2. Institutions for Social Education.	2	206	73	279	25
3. Institute for Rural Education.	1	636	219	855	127

Source : Director of Collegiate Education, Madras.

TABLE 16.5.

SCHOOLS FOR GENERAL EDUCATION, STUDENTS AND TEACHERS 1989-90.

Name of Institution.	Number of Institution.	Students.			Teachers.
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1. Pre-Primary Schools (1988-89)	22	1,867	3,369	5,236	127
2. Primary Schools ..	29,491	29,40,726	25,05,370	54,46,096	1,18,922
3. Middle Schools.. ..	5,651	16,64,065	13,33,555	29,97,620	65,668
4. High Schools	2,317	7,37,296	5,70,751	13,08,047	34,564
5. Anglo-Indian High Schools.	12	3,559	7,333	10,892	304
6. Metriculation High Schools.	606	67,058	59,855	1,26,913	5,084

TABLE 16.5—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)
7. Central High Schools :					
(a) Kendriya Vidyalayas ..	7	1,483	1,189	2,672	106
(b) Schools affiliated to Central Board of Secondary Education.	48	19,834	14,063	33,897	1,379
(c) Schools affiliated to Council for Indian School Certificate Examination.	34	6,292	5,840	12,762	733
8. Higher Secondary Schools	1,607	12,60,751	8,20,252	20,81,003	61,720
9 Anglo-Indian Higher Secondary Schools	29	20,505	16,592	37,097	1,067
10 Matriculation Higher Secondary Schools	192	63,706	53,548	1,17,254	4,537

11 Central Higher Secondary Schools					
(a) Kendriya Vidyalayas	18	10,543	8,350	18,893	836
(b) Schools affiliated to Central Board of Secondary Education	61	43,460	25,646	69,106	2,742
(c) Schools affiliated to Council of Indian School Certificate Examination	3	3,489	2,427	5,916	256

Source: Director of School Education, Madras.

TABLE 16.6.

SCHOOLS FOR PROFESSIONAL EDUCATION, STUDENTS AND TEACHERS 1989-90.

Name of Institution.	*Number of Institution.*	*Students.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1. Music Schools 1988-89	3	50	174	224	47
2. Craft Schools	1	216	719	935	17
3. Training Schools for men	28	2,264	..	2,264	152
4. Training Schools for women	43	..	3,197	3,197	188
5. Pre-Primary Training Schools for Women	3	..	175	175	8
6. Anglo-Indian Training School for Women	1	..	49	49	5

7	Teachers Training Centre for Blind	1	7	13	20	
8	Teachers Training Centre for Deaf.	1	29	6	35	
9	Teachers Training Centre for mentally Retarded.	1	3	19	22	12
10	Industrial Training Centre for Adult Blind.	1	30	..	30	9

Source : Director of School Education, Madras and Director of Social Welfare, Madras.

TABLE 16.7.

SCHOOLS FOR SPECIAL EDUCATION, STUDENTS AND TEACHERS 1989-90.

Name of Institution.	*Number of Institution.*	*Students.*			*Teachers.*
		Boys.	*Girls.*	*Total.*	
(1)	(2)	(3)	(4)	(5)	(6)
1 Oriental High Schools (1988-89) ..	16	2,643	1,142	3,785	179
2 Oriental Higher Secondary Schools (1989-89)	3	985	1,128	2,113	82
3 Service Homes	6	..	1,090	1,090	36
4 Rehabilitation Home for Blind Women.	1	..	30	30	2
5 Government Orphanages	22	971	3,809	4,780	69
6 Schools for Blind ..	20	1,042	714	1,756	226
Schools for Deaf ..	21	1,994	1,426	3,420	301

8 Schools for Orthopaedically Handicapped.	3	128	85	213	14
9 School, for Leper ..	2	40	24	64	12
10 Schools for Mentally Retarded.	2	40	29	69	15
11 Reformatory Schools (1988-89)	12	1,821	22	1,843	101
12 Transitional School Centres for Polio affected Children	5	28	18	46	9

Source : Director of School Education, Madras and Director of Social Welfare, Madras.

TABLE 16.8.

INSTITUTIONS FOR OTHER PROFESSIONAL EDUCATION, STUDENTS AND TEACHERS 1989-90

Name of Instutitions.	Number of institution.	Students.			Teachers.
		Boys.	Girls.	Total.	
(1)	(2)	(3)	(4)	(5)	(6)
Government Polytechnics (Men).	11	6,484	676	7,160	558
2 Government Polytechnics (Women)	4	..	1,653	1,653	148
3 Private Polytechnics (Men)	100	41,751	2,682	44,433	2,799
4 Private Polytechnics (Women)	7	..	1,973	1,973	119
5 Institute of Leather Technology.	1	192	..	192	12
6 Institute of Printing Technology.	1	203	18	221	76

7 Institute of Chemical Technology	1	238	..	238	20
8 Institute of Textile Technology.	1	99	..	99	12
9 State Institute of Commerce Education.	1	100	100	200	15
10 Technical Teacher's Training Institute.	1	93	5	98	37
11 Industrial Schools	175	5,120	2,016	7,136	280
12 Government Industrial Training Institutes	44	9,402	819	10,221	1,568
13 Technical Training Centres	2	147	34	181	20
14 Film and Television Institute.	1	51	1	52	17
15 Institute of Hotel Management, Catering Technology and Applied Nutrition.	1	281	52	333	28

Source : Respective Heads of Institutions.

TABLE 16.9.

HOSTELS AND INMATES FOR SCHEDULED CASTES, SCHEDULED TRIBES, DENOTIFIED COMMUNITIES, MOST BACKWARD AND BACKWARD CLASSES BY DISTRICT 1989-90.

Serial number and district.	Scheduled Caste.	
	Hostel.	Inmates.
(1)	(2)	(3)
1 Madras	16	1,826
2 Chengalpattu-MGR	62	3,989
3 North Arcot Ambedkar } 4 Tiruvannamalai Sambuvarayar ..	59	3,105
5 South Arcot	81	7,730
6 Salem	57	2,937
7 Dharmapuri	28	1,703
8 Periyar	23	1,808
9 Coimbatore	29	1,792

10	The Nilgiris	16	1,159
11	Thanjavur	78	4,502
12	Tiruchirappalli	77	6,767
13	Pudukkottai	29	2,029
14	Madurai	52	3,758
15	Dindigul Anna	30	2,153
16	Ramanathapuram	19	17,34
17	Kamarajar	40	2,866
18	Pasumpon Muthuramalinga Thevar	22	14,96
19	Tirunelveli-Kattabomman	41	2,642
20	Chidambaranar	30	1,753
21	Kanniyakumari	13	668

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TABLE 16.9.—*cont.*

Serial number and district.	*Scheduled Tribe.*	
	Hostel.	*Inmates.*
(1)	(5)	(6)
1 Madras	..	..
2 Chengalpattu-MGR	1	50
3 North Arcot-Ambedkar .. .. }	3	125
4 Tiruvannamalai–Sumbuvarayar .. }		
5 South Arcot	1	75
6 Salem	6	215
7 Dharmauri	..	..
8 Periyar	..	..

9	Coimbatore	2	115
10	The Nilgiris	1	50
11	Thanjavur	..	..
12	Tiruchirappalli	4	195
13	Pudukkottai	..	..
14	Madurai	..	..
15	Dindigul-Anna	2	110
16	Ramanathapuram	..	..
17	Kamarajar	..	..
18	Pasumpon Muthuramalinga Thevar	..	..
19	Tirunelveli-Kattabomman	..	..
20	Chidambaranar	..	..
21	Kanniyakumari	2	70

TABLE 16.9.—*cont.*

Serial number and district.	*Denotified Communities.*	
	Hostel.	*Inmates.*
(1)	(7)	(8)
1 Madras	..	..
2 Chengalpattu-MGR	1	50
3 North Arcot-Ambedkar 4 Tiruvannamalai-Sambuvarayar	1	50
5 South Arcot	..	..
6 Salem	..	..
7 Dharmapuri	..	..
8 Periyar	1	50
9 Coimbatore	3	150

10	The Nilgiris	..	..
11	Thanjavur	8	400
12	Tiruchirappalli	4	200
13	Pudukkottai	15	760
14	Madurai	40	4,313
15	Dindigul-Anna	..	..
16	Ramanathapuram	11	765
17	Kamarajar	2	150
18	Pasumpon Muthuramalinga Thevar	..	..
19	Tirunelveli-Kattabomman	10	600
20	Chidambaranar	2	110
21	Kanniyakumari	..	..

TABLE 16.9.— *cont.*

Serial number and district.	*Most Backward Classes.*	
	Hostel.	*Inmates.*
(1)	(9)	(10)
1 Madras	2	125
2 Chengalpattu-MGR	23	1,095
3 North Arcot-Ambedkar	13	650
4 Tiruvannamalai-Sambuvarayar	18	850
5 South Arcot	35	1,940
6 Salem	21	1,175
7 Dharmapuri	19	900
8 Periyar	5	230
9 Coimbatore	6	300

10	The Nilgiris	..	..
11	Thanjavur	12	675
12	Tiruchirappalli	26	1,140
13	Pudukkottai	..	..
14	Madurai	2	100
15	Dindigul-Anna	2	100
16	Ramanathapuram	..	..
17	Kamarajar	7	262
18	Pasumpon Muthuramalinga Thevar	10	480
19	Tirunelveli-Kattabomman	4	210
20	Chidambaranar	3	270
21	Kanniyakumari	..	..

TABLE 16.9—*cont.*

Serial number and district.	*Backward Classes.*	
	Hostel.	*Inmates.*
(1)	(11)	(12)
1 Madras	7	605
2 Chengalpattu-MGR	11	650
3 North Arcot-Ambedkar	9	450
4 Tiruvannamalai-Sambuvarayar	5	250
5 South Arcot	19	1,075
6 Salem	19	1,070
7 Dharmapuri	15	840
8 Periyar	23	1,270
9 Coimbatore	15	850

10	The Nilgiris ..	13	670
11	Thanjavur ..	39	2,040
12	Tiruchirappalli ..	31	1,850
13	Pudukkottai ..	33	1,805
14	Madurai ..	32	1,940
15	Dindigul Anna ..	17	915
16	Ramanathapuram ..	18	940
17	Kamarajar ..	15	785
18	Pasumpon Muthuramalinga Thevar ..	15	730
19	Tirunelveli-Kattabomman ..	23	1,125
20	Chidambaranar ..	17	965
21	Kanniyakumari ..	14	700

Source : Director of Adi-Dravidar and Tribal Welfare, Madras.
Director of Most Bachward Class and Denotified Communities, Madras.
Director of Backwhrd Class and Minority Communities, Madras,

TABLE 16.10.

DISTRICTWISE SCHOLARSHIPS TO STUDENTS OF SCHEDULED CASTES, SCHEDULED TRIBES, DENOTIFIED COMMUNITIES MOST BACKWARD CLASS AND BACKWARD CLASSES 1989-90.

District.	*Number of beneficiaries.*	*Amount.* (RUPEES in '000')
(1)	(2)	(3)
1 Madras	82,278	1,57,30.20
2 Chengalpattu-MGR	20,068	76,45.90
3 North Arcot Ambedkar and Tiruvannamalai Sambuvarayar	38,804	10.051.70
4 South Arcot	18,988	90,90.80
5 Salem	49,273	97.37.40
6 Dharmapuri	17,627	31.88.90
7 Periyar	13,535	44,48.30
8 Coimbatore	9,535	79.11.70
9 The Nilgiris	4,202	15.88.90

10 Thanjavur	50305	12300.20
11 Tiruchirappalli	48160	12256.30
12 Pudukkottai	21953	3938.60
13 Madurai	54261	12952,50
14 Dindigul-Anna	25600	3560,50
15 Ramanathapuram	12178	2050.50
16 Kamarajar	20492	6572.90
17 Pasumpon Muthuramalinga Thevar	23444	3941.20
18 Tirunelveli-Kattabomman	35027	7755.70
19 Chidambaranar	15228	6535.40
20 Kanniyakumari	21327	3774,80
Total	582285	14 032.40

Source : Director of Collegiate Education, Madras.
Director of Adi Drâvidar and Tribal Welfare, Madras.
Director of MostBackward Classes, and Denotified Communit es, Madras
Director of Backward class and Minority Communities, Madras.

17 TRANSPORT

TABLE 17.1.

LENGTH OF ROADS 1988-89.

(In Kilometres)

District.	Surfaced Roads. Cement concrete.	Bitu-minous.	Water bound macadam	Total.	Un-surfaced roads.	Grand Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Madras ..	35	1,583	125	1,743	41	1,784
2 Chengalpattu-MGR	56	4,730	3,693	8,479	4,421	12,900
3 South Arcot	47	4,617	2,556	7,220	5,289	12,509
4 North Arcot—Ambedkar	196	2,469	2,119	4,784	4,818	9,602
5 Tiruvannamalai Sambuvarayar	..	2,385	1,695	4,080	1,976	6,056
6 Salem ..	930	4,820	4,515	10,265	2,825	13,090
7 Dharmapuri	61	3,232	2,503	5,796	2,358	8,154
8 Coimbatore ..	164	4,064	2,633	6,861	3,299	10,160
9 Periyar	59	4,191	3,171	7,421	4,300	11,721

10 The Nilgiris	14	1,507	587	2,108	2,026	4,134
11 Tiruchirappalli	100	3,704	5,222	9,026	7,057	16,083
12 Thanjavur ..	36	4,407	3,300	7,743	7,634	15,377
13 Pudukkottai	1	2,664	1,137	3,802	3,161	6,963
14 Madurai ..	70	2,935	1,753	4,758	1,823	6,581
15 Dindigul-Anna	95	2,231	1,653	3,979	2,126	6,105
15 Ramanathapuram	8	1,317	639	1,964	1,519	3,483
16 Kamarajar ..	125	1,421	911	2,457	745	3,202
17 Pasumpon Muthu ramalinga Thevar	19	1,801	1,780	3,600	1,444	5,044
18 Tirunelveli-Kattabomman	153	2,847	2,432	5,432	3,697	9,129
19 Chidambaranar	38	2,286	1,018	3,342	1,687	5,029
20 Kanniyakumari	65	1,265	1,186	2,516	877	3,393
Total ..	2272	60,476	44,628	1,07,376	63,123	1,70,499

Source : Respective Heads of Departments.

TABLE 17.2.

ROAD ACCIDENTS BY DISTRICTS 1990.

Serial number and District.	Number of Accidents.	Number of persons. Injured.	Number of persons. Killed.
(1)	(2)	(3)	(4)
1 Changalpattu-MGR (East)..	2038	1,187	456
2 Chengalpattu-MGR (West)..	1,406	1,389	364
3 Cuddalore	1,472	1,345	338
4 Villupuram	1,241	1,150	248
5 North Arcot-Ambedkar	1,530	1,080	336
6 Tiruvannamalai Sambuvarayar J	645	526	175
7 Salem	2,293	1,749	584
8 Dharmapuri	1,313	1,109	30

9 Coimbatore City ..	1560	1283	200
10 Coimbatore (Rural) ..	1243	1150	294
11 Periyar ..	1506	1213	345
12 The Nilgiris ..	331	261	39
13 Tiruchirappalli ..	2598	2089	609
14 Pudukkottai	666	581	114
15 Thanjore (East) ..	967	689	157
16 Tanjore (West) ..	776	714	169
17 Madurai (City) ..	719	595	98
18 Madurai (Rural ..	1500	1767	272
19 Dindigul. Anna ..	1182	1057	248
20 Ramanathapura ..	354	267	68
21 Kamarajar ..	658	828	151

TABLE 17.2—*cont.*

(1)	(2)	(3)	(4)
22 Pasumpon Muthu ramalinga Thevar	377	513	87
23 Tirunelveli Kattabomman.	758	918	182
24 Chidambaranar ..	704	816	165
25 Kanniyakumari ..	495	436	99
26 G.R.P. Trichy ..	80	13	2
27 G.RP., Madras ..	168	11	5
28 Madras City ..	5954	4787	553
Total ..	34,634	29,523	6,663

Source: Director-General of Police, Madras.

TABLE 17·3

REGISTERED MOTOR VEHICLES 1990-91.

Serial number and District.	Commercial.				
	Stage Carriages.	Auto Rickshaws.	Taxis. Ordianry	Taxis. Tourist	Luxury coaches
(1)	(2)	(3)	(4)	(5)	(6)
1 Madras	4,937	14150	697	5169	77
2 Chengalpattu-MGR	576	3704	3	438	10
3 South Arcot	751	1060	5	1041	..
4 North Arcot-Ambedkar and Tiruvannamalai Sambuvarayar	925	1,122	65	421	1
5 Salem ..	1194	2,628	38	1201	40
6 Dharmapuri	637	728	1	246	1
7 Periyar	799	1400	11	821	1

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TABLE 17.3—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)
8 Coimbatore	1517	5792	115	2169	5
9 The Nilgiris ..	345	809	284	441	2
10 Thanjavur ..	909	458	60	2429	..
11 Tiruchirapalli ..	1,192	1,844	50	1571	1
12 Pudukkottai ..	334	168	8	326	1
13 Dindigul-Anna	583	426	90	604	..
14 Madurai	1,073	1214	33	1635	10
15 Ramanathapuram	269	113	18	272	..
16 Kamarajar ..	405	103	13	519	1
17 Pasumpon Muthu-ramalinga Thevar	211	59	45	248	2
18 Tirunelveli-Kattabomman	713	816	114	1276	..

19 Chidambaranar	392	218	35	685	..
20 Kanniyakumari	459	773	340	1153	..
Total ..	18,221	37,585	2025	22,665	152

TABLE 17.3.—*cont*.

District.	*Commercial.*		
	Private Transport Vehicles.	*Goods Vehicles*	*Tractors.*
	(7)	(8)	(9)
1 Madras	273	17,305	246
2 Chengalpattu M.G.R.	62	3047	3,145
3 South Arcot	54	2742	2194
4 North Arcot - Ambedkar and Tiruvannamalai -Sambuvarayar	72	49.67	637
5 Salem	82	13,242	330
6 Dharmapuri	6	1,757	29
7 Periyar	57	7,081	1,109
8 Coimbatore	183	13,215	1,738
9 The Nilgiris	39	1198	187

10 Thanjavur	20	1,924	2,305
11 Tiruchirappalli ..	22	6,444	1,216
12 Pudukkottai	4	916	176
13 Dindigul Anna	27	1,616	88
14 Madurai	58	4,138	1,268
15 Ramanathapuram ..	7	338	254
16 Kamarajar ..	2	1,492	949
17 Pasumpon Muthuramalinga Thevar ..	12	688	137
18 Tirunelveli - Kattabomman	45	1,912	819
19 Chidambaranar	100	19,18	296
20 Kanniyakumari ..	29	2341	88
Total ..	1,154	88,281	1,7831

TABLE 17.3—*cont.*

District.	Commercial.		Non Commercial	
	others	Total	Motor Cycles,	Scooters
	(10)	(11)	(12)	(13)
1 Madras..	285	43139	96048	60331
2 Chegalpattu-MGR ..	2213	13198	8902	2007
3 South Arcot ..	2987	10834	19971	6205
4 North Arcot-Ambedkar and Tiruvannamalai-Samburvarayar	1587	9797	19971	6205
5 Salem	987	19742	30977	28986
6 Dharmapurai	729	4834	961	418
7 Periyar	1078	12357	30695	20003
8 Coimbatore	1750	26484	35323	23657
9 The Nilgiris	201	3506	4291	1793
10 Thanjavur	2336	10441	3326	601

11 Tiruchirappalli ..	1728	14068	1 2656	7586
12 Pudukkottai	176	2109	1171	2204
13 Dindigul-Anna	495	3849	3795	6084
14 Madurai	1359	10788	11252	9740
15 Ramanathapuram ..	255	1526	711	122
16 Kamarajar	952	4436	6698	1887
17 Pasumpon Muthu rama linga Thevar-	167	1569	1257	687
18 Tirunelveli-Kattabomman	829	6524	7500	5300
19 Chidambaranar	275	3919	2520	2408
20 Kanniyakumari	88	5271	2074	352
Total ..	20477	208391	286486	189311

TABLE 17.3—*cont.*

District.	Non-Commercial—*cont.*				
	Moped	*Tri-Cycles*	*MotorCars*	*Jeeps*	*Station Wagon*
	(14)	(15)	(16)	(17)	(18)
1 Madras	95280	2130	109915	5054	144
2 Changalputtu MGR..	6663	189	9841	232	27
3 North Arcot-Ambedkar and Tiruvannamalai-Sambuvarayar	22660	36	8339	557	..
4 Coimbatore	147727	26	394664	2581	183
5 Periyar	61397	4	6830	1046	28
6 The Nilgiris ..	267	..	1300	2480	144
7 Salem	109787	15	15305	837	98
8 Darmapuri	3991	15	36	27	4
9 SouthArcot	12732	15	2890	279	47
10 Tiruchirapalli ..	17993	..	6211	759	50
11 Thanjavur ..	4260	..	671	156	50

12 Pudukkottai ..	1539	..	125	64	..
13 Madurai	38585	..	4533	419	55
14 Dindigul-Anna	16432	26	1907	124	2
15 Kamarajar	22808	2	1815	159	15
16 Pasumpon Muthuramalinga Thevar	2645	..	568	116	..
17 Ramanathapuram ..	2413	..	285	98	12
18 Tirunelveli-Kattabomman	13390	27	4274	287	17
19 Chidambaranar ..	10964	17	3597	410	117
20 Kanniyakumari ..	2324	5	2580	256	..
Total ..	593857	2507	220486	15,941	993

TABLE 17-3 cont.

Serial number and district.	Non Commetcial			
	Ambulance	School Bus	Fire Engine	Fire Tendr
(1)	(19)	(20)	(21)	(22)
1 Madras	246	80	20	10
2 Chengalpattu-MGR	26	82	24	5
3 North Arcot-Ambedkar and Tiruvannamalai Sambuvarayar	6	32	12	1
4 Coimbatore	153	165	38	5
5 Periyar	10	31	11	5
6 The Nilgiris	124	59	..	4
7 Salem	6	120	10	..
8 Dharmapuri	..	13	3	..

9	South Arcot	38	27	16	10
10	Tiruchirappalli	18	52	30	10
11	Thanjavur	57	94	12	8
12	Pudukkottai	..	..	4	..
13	Madurai	51	64	22	..
14	Dindigul -Anna	34	31	5	..
15	Kamarajar	56	29	15	5
16	Pasumpon Muthuramalinga Thevar	15	12	..	..
17	Ramanathapuram	32	6	11	..
18	Tirunelveli-Kattabomman	51	54	18	..
19	Chidambaranar	33	17	18	13
20	Kanniyakumari	25	14	12	..
	Total	981	984	281	76

TABLE 17.3.—*cont.*

Serial number and district. (1)	*Non Commercial* Fite Sprinkler (23)	Tractor NTV (24)	Thtee Wheelers (25)
1 Madras	4	216	1002
2 Chengalpattu-MGR	6	81	47
3 North Arcot-Ambedkar and Tiruvannamalai-Sambuvarayar	2	16	11
4 Coimbatore	15	67	304
5 Periyar	10	20	9
6 The Nilgiris	6	81	6
7 Salem	26	112	55
8 Dharmapuri	..	114	..

9	South Arcot	12	412	4
10	Tiruchirappalli	..	15	16
11	Thanjavur	6	326	41
12	Pudukkottai	4	..	..
13	Mudurai	..	55	105
14	Dindigul-Anna	6	..	5
15	Kamarajar	..	20	25
16	Pasumpon Muthuramalinga Thevar	..	..	3
17	Ramanathapuram	..	15	..
18	Tirunelveli-Kattabomman	8	77	67
19	Chidambaranar	4	4	23
20	Kanniyakumari	..	10	9
	Total	109	1641	1732

TABLE 17-3 cont

Serial number and name of the district.	*Non-Commetcial*				
	Four Wheelers.	*Road Roilers.*	*Tractors and Trailers.*	*others.*	*Total.*
(1)	(26)	(27)	(28)	(29)	(30)
1 Madras ..	565	24	198	740	372007
2 Chengalpattu MGR	216	12	255	24	28639
3 North Arcot-Ambedkar and Thiruvannamalai Sambuvarayar.	17	15	591	61	58532
4 Coimbatore ..	223	36	931	85	250983
5 Periyar ..	2	10	1618	252	121981
6 The Nilgiris ..	127	6	162	89	10939
7 Salem	152	10	1823	477	188796

8 Dharmapuri ..	...	4	331	..	5919
9 South Arcot	96	17	1838	4	30558
10 Tiruchirappalli ..	2	15	1001	130	46544
11 Thanjavur ..	142	13	519	17	10299
12 Pudukkottai ..	..	4	17	..	5125
13 Madurai ..	..	24	252	203	65360
14 Dindigul Anna ..	22	4	92	12	28581
15 Kamarajar ..	26	8	109	1	33678
16 Pasumpon Muthuramalinga Thevar	..	4	7	10	5324
17 Ramanathapuram	18	4	33	1	3761
18 Tirunelveli Kattabomman	206	6	753	52	32087
19 Chidambaranar	36	2	161	1	20345
20 Kanniyakumari	..	3	33	20	10894
	1850	221	10707	2189	1330350

Source : Transport Commissioner, Madras.

TABLE 17.4

TRANSPORT CORPORATIONS IN TAMIL NADU, 1990-91.

Serial number and name of the Corporations.	*Year of formation.*	*Head-quarters.*	*District covered.*	*Number of buses*
(1)	(2)	(3)	(4)	(5)
1 Pallavan Transport Corporation.	01-01-72	Madras ..	Madras Metropolitan Development Authority	2,315
2 Pattukkottai Azhagiri Transport Corporation.	15-09-75	Vellore ..	North A cot-Ambedkar and Tiruvannamalai-Sambuvarayar and North Chengalpattu-MGR	1056
3 Pandiyan Roadways Corporation.	17-01-72	Madurai	Madurai and Kamarajar District.	980
4 Marudhu Pandiyar Transport Corporation.	01-04 83	Karaikudi	Pudukkottai, Ramanathapuram and Pasumpon Muthu ramalinga Thevar	741
5 Rani Mangammal Transport Corporation.	01-04-86	Dindigul	Dindigul-Anna District	610

6	Cheran Transport Corporation.	01-03-72	Coimbatore	Coimbatore and The Nilgiris District.	1,369
7	Jeeva Transport Corporation.	01-04-83	Erode ..	Periyar District ..	725
8	Cholan Roadways Corporation.	01-03-72	Kumbakonam.	Thanjavur District.	749
9	Dheeran Chinnamalai Transport. Corp	01-04-85	Tiruchirappalli.	Tiruchirappalli District --	698
10	Anna Transport Corporation.	15-02-73	Salem ..	Salem District ..	777
11	Annai Sathya Transport Corporation.	01-04-87	Dharmapuri.	Dharmapuri District.	522
12	Kattabomman Transport Corporation.	01-01-74	Tirunelveli	Chidambaranar and Tirunelveli Kattabomman District.	780
13	Nesamony Transport Corporation.	01-04-83	Nagerkoil	Kanniyakumari District	569
14	Thanthai Periyar Transport Corporation.	16-01-75	Villupuram	South Arcot and Southern Chengalpattu-MGR District.	1013
15	Thiruvalluvar Transport Corporation.	15-09-75	Madras ..	All over Tamil Nadu	897
					13801

Source : Chairman, Co-ordinating and Monitoring cell, Transport Development Finance Corporation, Madras.

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TABLE 17.5.

SELECT INDICATORS ON PERFORMANCE OF STATE TRANSPORT CORPORATIONS OF TAMIL NADU 1990–91.

Serial number (1)	*Particulars.* (2)	*Unit.* (3)	*Achievement* (4)
1	Fleet strength	Numbers	13891
2	Km. operated per day	(in lakhs.)	44.70
3	Number of passengers carried per day	(in lakhs.)	134.74
4	Fleet utilisation	(percentage)	92.07
5	Km. efficiency	(percentage)	97.8
6	Km. run per litre of Diesel—	Km.	
	(*a*) City		3.52
	(*b*) Town		4.03
	(*c*) Mofussil		4.27

(d) *Ghat*		3.30
(e) *Express*		4.24
(f) *Overall*		4.13
7 Number of routes	Numbers	7159
8 Number of new routes introduced during the year.	Numbers	Nil
9 New villages benefitted during the yeat.	Numbers	138
10 Benefitted village population	(in lakhs).	1.32
11 Staff strength	Numbers	99272
12 Number of new buses put on Road.		
Replacement		1688
Augmentation		375

Source : Chairman, Cell, Transport Development Finance Corporation, Madras.

TABLE 17.6

RAILWAY LINES : LENGTH 'N TAMIL NADU, 1990-91.

Item.	*Broad Gauge.*	*Metre Gauge.*	*Broad Gauge and Metre Gauge Combined.*	*Total*
(1)	(2)	(3)	(4)	(5)
1 Route Length (In Km.) ..	1,132.96	2,871.43	..	4,004.39
2 Track Length (In Km.) ..	2,779.72	3,913.31	..	6,693.03
3 Number of Railway Stations	178	499	13	690

Source : General Manager, Southern Railway, Madras.

TABLE 17.7

PORT DEVELOPMENT, 1990–91

1 Major Ports	2
2 Intermediate Ports	2
3 Minor Ports	6

VEESSELS SAILED AND CARGO HANDLED

Name of the Port.	Vessels Sailed.	Cargo handled (Tonne).
(1)	(2)	(3)
Major Ports—		
1 Madras	1,561	2,41,57,590
2 Tuticorin	692	50,74,731
Intermediate Ports—		
1 Cuddalore	3	1,88,821
2 Nagapattinam	22	3,78.72

TABLE 17.7—*cont.*

(1)	(2)	(3)
Minor Ports—		
1 Kilakarai	Nil.	Nil.
2 Rameswaram	Nil,	Nil.
3 Pamban	Nil.	Nil.
4 Colachel	Nil,	Nil.
5 Kanniyakumari	Nil.	Nil.
6 Valinokkam	Nil.	Nil.

Source : Statistical Officer, Madras Port Trust, Traffic Manager, Tuticorin Port and State Port Officer, Madras.

TABLE 17.8

AIR TRANSPORT 1989-90.

Airport.	Passengers. Embarked. (In '000)	Dis-Embarked. (000')	Transit	Total.	Cargo handled. Loaded. (In tonne)	Un-loaded. (In tonne)	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
I. International Airport—							
1 Madras ..	216	202	61	479	20,935	6,949	27,884
II. Domestic Airport—1988-89							
1 Madras ..	751	779	..	1,530	7,032	6,224	13,256
2 Tiruchirappalli ..	34	37	..	71	108	239	347
3 Coimbatore ..	71	76	..	147	940	743	16.83
4 Madurai ..	36	34	..	70	694	699	1,393

Source : (1) Director International Airport Authority, Madras
(2) Commercial Manager (Southern Region), Madras.

18. COMMUNICATIONS

TABLE 18.1.

POST AND TELEGRAPH OFFICES 1990–91

1	Post Offices doing Postal business only	7,346
2	Post Offices doing Post and Telegraph business	4,631
3	Telegraph Offices	90

Source : Postmaster-General, Tamil Nadu Circle, Madras and General Manager, Telecommunications, Tamil Nadu Circle, Madras.

TABLE 18.2

TELEPHONES IN TAMIL NADU CIRCLE, 1990–91.

Item. (1)	*Nos.* (2)
1 Number of Exchanges	1,276
2 Number of Direct Exchange Lines	4,568,72
3 Number of Junction Lines	10,815
4 Number of Working Lines	4,63,808
5 Number of Telephones in use	5,38,936
6 Number of PBX and PABX.	2,608
7 Number of Extensions from Direct Exchange Lines	44,285
8 Number of Extensions from PBX and PABX	38,953
9 Number of Public Call Offices :—	
(*a*) Local	11,918
(*b*) Long Distance	Local, STD & Trunk, 2,977
Total	14,895

Source : General Manager Madras Telephones, Madras. General Manager, Telecommunications, Madras. District Manager, Coimbatore Telephones, Coimbatore District Manager, Madurai Telephones, Madurai,

19. CO-OPERATION.

TABLE 19.1

NUMBER, MEMBERSHIP AND PAID UP SHARE CAPITAL OF CO-OPERATIVE SOCIETIES 1989–90.

Serial number and Type of Societies.	*Number of Societies.*	*Membership.*	*Paid up share capita (Rupees in lakhs.).*
(1)	(2)	(3)	(4)
1 Tamil Nadu State Co-operative Bank	1	2,28,738	558.27
2 Tamil Nadu State Land Development Bank.	1	181	2180.14
3 Tamil Nadu Co-operative Marketing Federation.	1	4,022	251.77
4 Tamil Nadu Consumers' Co-operative Federation.	1	289	132.34
5 Tamil Nadu Co-operative Union	1	39	Not Applicable

6 Thanjavur Co-operative Marketing Federation.	1	41,33	39.75
7 Central Co-operative Banks ..	18	15,51,256	7,631,07
8 Agricultural Credit Societies (including Farmers Service Societies.)	4,596	71,21,340	8,269,80
9 Primary Co-operative Land Development Banks	181	69,32,31	2,082.30
10 Lamps	18	632,72	139.44
11 Co-operative Urban Banks	130	31,12,00	2,162.15
12 Employees Co-operative Societies	1,632	12,684,12	7,806.35
13 Urban Credit Societies	52	89,161	393.82
14 Co-operative Wholesale Stores ..	29	9,19,447	863.07
15 Primary Co-operative Stores ..	3,758	14,20,869	496.44
16 joint Farming Societies ..	31	6,217	30,60
17 Land Colonisation Co-operative Societies.	47	4,685	42,68
18 Lift Irrigation Societies ..	37	16,862	17.60

TABLE 19.1—*cont.*

(1)	(2)	(3)	(4)
19 Primary Marketing Co-operative Societies	111	11,18,024	766.31
20 Hill Tribes Marketing Co-operative Societies ..	3	930	7.20
21 Salt Manufacturers Societies ..	13	2,876	12.12
22 Labour Contract Societies	214	64,837	33.80
23 Co-operative Printing Presses ..	18	8,930	39.25
24 Washermen and Laundry Co-operative Societies	13	7,478	9.17
25 Health Co-operative Societies ..	6	595	..
26 Hair Dressers. and Barbers Co-operative Societies	1	311	..
27 District Co-operative Unions ..	17	17,890	Not applicable
28 Co-operative Training Institutes	9	2,033	Not applicable

29 Processing Societies	1	544	4.96
30 Co-operative Canteens	73	73,310	6.46
31 Fruit and Vegetable Growers Co-operative Societies.	1	391	0,26
32 Rural Electricity Co-operative Societies.	3	68,723	144.21
33 Speciali Agricultural Commodities Co-operative Marketing Societies.	393	5,7849	51.58
34 Cycle Rickshaw Co-operative Societies.	3	634	0.16
35 Other miscellonaus types ..	113	1,054.12	78.17
36 Housing Co-operative Societies .. Including Apex Society (1988-89)	1,150	9,06,993	3,311.20
37 Tamil Nadu Khadi and Village Industries Board Primary Societies (1988-89)	1,547	4,38,669	176.75
38 Industrial Co-operative Societies..	397	55,746	1,813.92

TABLES 19.1—*cont.*

(1)	(2)	(3)	(4)
39 Sheep-poultry Co-operative Societies (1988-89)	1,666	1,83,830	124.04
40 Milk Producers Co-operative Societies. (1988-89)	7,925	23,53000	536.57
41. Fisheries Co-operative Societies (1988-89)	648	1.74,000	252.64
42 Co-operative Sugar Mills ..	16	2,29,809	4245.31
43 Primary Handloom Weavers Co-operative Production and Sales Societies.	1666	3,60,129	2179.91

Source : Respective Heads of Departments.

TABLE 19.2.

LOANS ADVANCED, OUTSTANDING AND OVERDUE OF CERTAIN CO-OPERATIVE, CREDIT SOCIETIES, 1989-90.

(RUPEES IN '000'.)

Serial number and Type of Societies. (1)	*Loans Advanced.* (2)	*Loans Outstanding.* (3)	*Loans Overdue.* (4)
1 Tamil Nadu State Co-operative Bank ..	91,309.71	91,309.71	516.73
2 Tamil Nadu State Land Development Bank.	2,41,557.00	20,03138.00	90,6117.00
3 Co-operative Central Banks	4,07,188.55	1,32,092.82	29,624.42
4 Primary Land Development Banks ..	2,41.503.00	18,293.64.00	8,760.78.00
5 Agricultural Credit Societies including Farmers Service Societies.	57,647.32	76,690.91	39,585.37
6 Lamps	273.17	458.21	248.54
7 Urban Banks	35,470.49	24,925.92	8,046.70
8 Employees Co-operative Societies ..	43 .58.30	38,449.85	1016.88
9 Other Urban Co-operative .. .. Societies	402.97	693.85	204.89

Source · Registrar of Co-operative Societies, Madras.

REGISTRATION.

TABLE 20.1.

Number of Registration Offices, Registrations and Aggregate value of properties transferred 1989-90.

Serial number and Name of the Registration District.	Number of Registration. Offices.	Number of Registrations (movable and immovable).	Aggregate value of properties transferred (" Rs. in Crores)	Total receipts. (Rs. in Lakhs)
(1)	(2)	(3)	(4)	(5)
1 North Madras ..	9	39,752	128.85	127.17
2 South Madras ..	11	51,281	266.19	266.94
3 Central Madras ..	8	320,97	375.82	295.05
4 Kancheepuram ..	13	31.471	44.03	52.41
5 Chengalpattu MGR ..	11	26,248	43.72	56.22
6 Vellore ..	11	30,149	77.32	104.56

7 Cuddalore ..	10	18,625	37.09	37.99
8 Arakonam .	12	19,103	33.90	28.01
9 Thiruvannamalai ..	13	22,717	32.22	38.17
10 Villupuram ..	11	21,152	34.19	38.54
11 Cheyyar ..	12	15,980	25.48	23.85
12 Kallakurichi ..	14	240,25	33.32	33.02
13 Chidambaram ..	13	18,850	30.03	40.02
14 Tindivanam ..	12	16,527	23.26	26.12
15 Coimbatore ..	11	38,207	43.53	57.65
16 Thiruppur ..	22	34,156	193.34	119.02
17 Periyar	12	28,737	85.63	71.00
18 Gobichettipalayam ..	17	11,228	67.57	90.16
19 The Nilgries ..	11	7,617	31.11	99.03
20 Salem	9	37,043	29.88	3220

TABLE-20.1—*cont.*

(1)	(2)	(3)	(4)	(5)
21 Namakkal	11	21,901	92.93	108.43
22 Dharmapuri ..	5	14,029	22.92	29.68
23 Krishnagiri ..	10	22,619	152.79	197.70
24 Madurai	18	44,199	87,40	179.64
25 Dindigul	13	192.35	22,96	42.72
26 Palani	10	10,646	21.21	22.70
27 Periakulam ..	13	23,077	37.53	37.04
28 Sivagangai ..	10	12,154	15.49	21.95
29 Ramanatbapuram ..	13	13,619	16.15	16.25
30 Virudhunagar ..	16	29,276	47.03	51.72

31 Karaikudi ..	10	12,476	17.63	20.68
32 Tirunelveli ..	11	12,541	8.06	8.66
33 Tenkasi	18	26,794	37.07	32.68
34 Cheranmahadevi ..	10	11,429	13.19	14.82
35 Palayamkottai ..	19	23,430	36.48	37.45
36 Tuticorin ..	17	21,253	34.05	37.45
37 Kanniyakumari ..	13	24,555	85.20	84.82
38 Marthandam ..	10	16,493	20.86	20.29
39 Thanjavur ..	16	22,313	53.86	23.81
40 Ariyalur	19	31,622	37.20	42.63
41 Pattukkottai ..	15	12,647	21.38	27.40
42 Pudukkottai ..	11	26,028	33.86	3.809
43 Karur	11	14,320	30.76	35.02

TABLE 20.1—*cont.*

(1)	(2)	(3)	(4)	(5)
44 Mayiladuthurai ..	12	12,840	23.97	26.63
45 Tiruchirappalli ..	10	29,149	38.22	80.35
46 Nagapattinam ..	15	19,243	34.23	36.90

Source : Inspector-General of Registration, Madras.

21. COMMUNITY DEVELOPMENT.

TABLE 21.1.

COVERAGE OF INTEGRATED RURAL DEVELOPMENT PROGRAMME 1989-90.

Serial number and items.	*Unit.*	*State.*	*Covered by Integrated Rural Development programme.*	*Percentage.*
(1)	(2)	(3)	(4)	(5)
1 Community Development Blocks. ..	Numbers.	385	384	99.7
2 Panchayat Unions.. ..	Do.	384	384	100
3 Area	Square Kilo Metres.	128187.04	112538,59	87,8
4 Villages	Numbers.	12,612	12,612	100
5 Population	Lakhs	366	366	100

Source : Commissioner of Rural Development, Madras.

TABLE 21.2.

PHYSICAL ACHIEVEMENTS UNDER COMMUNITY DEVELOPMENT PROGRAMME, 1990-91

Items. (1)	*Unit.* (2)	*Achievements.* (3)
1 (*a*) Improved Seeds distributed—		
(i) Paddy	Tonne	21,048
(ii) Millets	Do.	1104
(iii) Pulses	Do.	2326
(iv) Cotton	Do.	368

(*b*) Vegetable Seeds—	Tonne	35
(*c*) Oil Seeds—		
(i) Groundnut	Tonne	8839
(ii) Gingelly	Do.	77
(iii) Sunflower	Do.	163
(iv) Castor	Do.	53
d. Fertilizers distributed		
1. Nitrogeneon (N)	Lakhs Tonne	4.567
2. Phosphate (P)	Do.	1.877
3. Pottash (K)	Do.	2.093
e. Pesticides distributed		
(i) Dust	Tonne	2,870
(ii) Liquid	Lakh Litre	3.78

Source : Director of Agriculture, Madras, Director of Horticulture, Dharmapuri.

TABLE 21.3.

PROGRESS OF COMMUNITY DEVELOPMENT PROGRAMME, 1989-90.

Item.	*Unit.*	*Achievement.*	
		Town Panchayats	Village Panchayat & Panchayat Unions.
(1)	(2)	(3)	(4)
1 Length of Roads—			
(*a*) Panchayat Roads—	Kilo metres	10010.00	50249.73
(*b*) Panchayat Union Roads—	Do.	..	48896.12
2 Drinking Water Sources—			
(*a*) Overhead tanks and Automatic pressure tanks.	Numbers.	1894	21,502
(*b*) Ground Level Reservoirs	Do.	1118	4,731
(*c*) Hand Pumps	Do.	17 065	1,060.91
(*d*) Drinking Water Wells ..	Do.	19,523	81,797

3 Veterinary Dispensaries—			
(*a*) Dispensaries	Numbers ..		953
(*b*) Sub-Centres	Do. ..		1,494
4 Primary Health Centres ..	Do. ..		468
5 Maternity and Child Welfare Centres	Do. ..		3,254
6 Dispensaries—		*Regular.*	*Rural.*
(*a*) Allopathy Dispensaires	Numbers	243	186
(*b*) Ayurvedic Dispensaries	Do.	72	68
(*c*) Siddha Dispensaries	Do.	90	281
(*d*) Unani Dispensaries	Do.	4	23
(*e*) Homoeopathy Dispensaries ..	Do.	19	10
	Total ..	428	568
7 Social Education Centres	Numbers ..		12,809
8 Chief Minister's Nutritious Meals Programme Centres.	Do. ..		25,521
9 (*a*) Radio sets functioning	Numbers	3,110	46,614
(*b*) T. V. Sets installed	Do.	904	11,844

TABLE 21.3—*cont.*

(1)	(2)		(3)
10 Staff Quarters—			
(*a*) For Block staff	Numbers	..	1,955
(*b*) For Gramasevaks (Rural Welfare Officers).	Do.	..	535
(*c*) For Women teachers	Do.	..	1,987
11 Institutions having own buildings—			
(1) Panchayat Union Office	Numbers	..	384
(2) Town Panchayats	Do.	560	..
(3) Village Panchayats	Do.	..	6,135
(4) Public Health Centres ..	Do.	..	440
(5) Maternity and Child welfare Centres	Do.	..	3,200

(*b*) Dispensaries—			
(*a*) Regular	Do.		773
(*b*) Rural	Do.		
(7) Panchayat Union Schools (Partly or completely in own buildings).	Do.	..	31,057
(8) Veterinary Dispensaries—	Dispensaries		953
	Sub-centre		1494
12 Remunerative Enterprises—			
(*a*) Kalyana Mandapam	Numbers	11	188
(*b*) Markets	Do.	2,191	1166
(*c*) Shandies	Do.	296	747
(*d*) Bus Stands	Do.	245	258
(*e*) Slaughter Houses	Do.	308	374
13 Industrial units run by Panchayat Union—			
(*a*) Carpentry	Numbers	..	121
(*b*) Blacksmithy	Do.	..	77

Source : Commissioner of Rural Development, Madras. and Director of Town Panchayat, Madras.

TABLE 21.4

NUMBER OF BENEFICIARIES UNDER INTEGRATED RURAL DEVELOPMENT PROGRAMME 1990-91

Serial number. (1)	*District.* (2)	*Number of Beneficiaries.* (3)
1	Chengalpattu-MGR	11,572
2	North Arcot-Ambedkar	8,125
3	South Arcot	21,502
4	Salem	16,258
5	Dharmapuri	6,675
6	Periyar	8,324
7	Coimbatore	9,308
8	The Nilgiris	1,669
9	Thanjavur	19,452

10	Tiruchirappalli	14,459
11	Pudukkottai	7,414
12	Pasumpon Muthuramalinga Thevar ..	4,570
13	Ramanathapuram	5,366
14	Madurai	10,031
15	Dindigul-Anna	6,186
16	Tirunelveli-Kattabomman	8,919
17	Chidambaranar	6,625
18	Kamarajar	4,585
19	Kanniyakumari	3,739
20	Tiruvannamalai-Sambuvarayar ..	7,063
	TOTAL ..	1,81,842

Source : Commissioner of Rural Development, Madras.

22. EMPLOYMENT

TABLE 22.1

WORKING OF EMPLOYMENT EXCHANGES—1990

Type of Employment Exchanges.	*Number of offices.*	*Registration during the year.*	*Placements during the year.*	*Number of Live Register at the end of the year.*	*Number of vacancies notified during the year*
(1)	(2)	(3)	(4)	(5)	(6)
1. District Employment Office, ...	23	5,53,362	35,785	27,83,862	43,012
2. Sub-Employment Office	5	42,784	1,976	1,95,924	1,799
3. Professional and Executive Employment Office.	1	26,914	2,072	1,01,168	3,654

4. Special Employment Office for Physically Handicapped, Madras.	1	1,598	242	11,409	83
5. District Employment Office (Technical Personnel).	4	25,327	2,978	1,44,090	4,617
6. University Employment Information and Guidance Bureau.	3	..	..	..	..

Source : Director of Employment and Training, Madras.

TABLE 22.2.

EMPLOYMENT IN PUBLIC SECTOR, 1990.

Serial number and Branches	*Number.*
(1)	(2)
1 Central Government	2,41,940
2 State Government	5,98,575
3 Central Government (Quasi)	1,86,767
4 State Government (Quasi)	3,63,091
5 Local Bodies	1,54,146
Total	15,44,519

Source : Director of Employment and Training, Madras.

TABLE 22.3.

EMPLOYMENT BY INDUSTRIAL DIVISIONS—1990

Industrial Division.	Public.	
	Total.	*Female.*
(1)	(2)	(3)
0 Agriculture, Hunting, Forestry and Fishing	26,459	2,237
1 Mining and Quarrying	30,372	2,797
2 and 3. Manufacturing	1,17,806	5,582
4 Electricity, Gas and Water	83,248	3,525
5 Construction	52,908	4,233
6 Wholesale and Retail trade, Restaurants and hotel.	44,657	6,033
7 Transport, Storage and Communications	2,87,186	17,954
8 Financing, Insurance, Real Estate and Business Service.	1,31,588	15,971
9 Community, Social and Personnel Services	2,50,218	7,70,295
Total ..	15,44,519	3,08,550

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TABLE 22.3—*cont.*

Industrial Division. (1)	*Private.* *Total.* (4)	*Female.* (5)
0. Agriculture, Hunting. Forestry and Fishing	60,824	34,569
1 Mining and Quarrying	5,345	863
2 and 3. Manufacturing	4,32,048	83,173
4 Electricity, Gas and Water	644	9
5 Construction	9,541	494
6 Wholesale and Retail trade, Restaurants and hotels.	37,029	2,073
7 Transport, Storage and Communications	8,021	226
8 Financing, Insurance, Real Estate and Business Services.	11,839	1,322
9 Community, Social and Personnel Services	1,20,894	49,137
Total ..	6,88,185	1,71,866

Source: Director of Employment and Training, Madras.

TABLE 22.4.

PLACEMENTS MADE BY TAMIL NADU PUBLIC SERVICE COMMISSION, RAILWAY RECRUITMENT BOARD, STAFF SELECTION COMMISSION AND BANKING SERVICE RECRUITMENT BOARD—1990-91.

A. TAMIL NADU PUBLIC SERVICE COMMISSION

Serial number and Category.	*Number of qualified applicants for oral main wtitt entexamination.*				
	S.C./S.T.	*MBC/ DNC*	*B.C.*	*O.C.*	*Total.*
(1)	(2)	(3)	(4)	(5)	(6)
(*a*) *State Service* :					
1. Assistant Engineer (Electrical) in the public Works Department	30	18	35	1	84
2. Assistant Works Manager, Tamil Nadu Stationery and Printing Department.	3	...	5	1	9
3. Assistant Engineer (Mechanical) in Public Works Department.	18	4	13	1	36
4. Horticulture Officer, Tamil Nadu Agriculture Department.	21	9	39	4	73

TABLE 22.4—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)
5. Assistant Inspector of Factories, Tamil Nadu Labour Department.	13	11	28	4	56
6. Lecturer In Pharmacology in the Indian Medicine, Homoeopathy and Family Welfare Department.	..	..	..	1	1
7. Assistant Engineer (Automobile) in the Tamil Nadu Fire Service State Workshop.	2	2	6	3	13
8. Assistant Professor of Psychology cum clinical Psychology Tamil Nadu Medical Service.	..	..	2	..	2
9. Fishery economist, Tamil Nadu Fisheries Service.	..	2	1	2	5
10. Agricultural Officer (Research) Tamil Nadu Agriculture Service.	50	37	67	10	164

11. Accounts Officer Grade-III, Tamil Nadu State Treasuries and accounts Service.	1	..	..	..	1
12. Civil Assistant Surgeon, Tamil Nadu Medical Service.	212	236	352	376	1176
13. Assistant Engineer (Civil) Highways and Rural Works Department.	29	33	26	38	126
14. Assistant Director (Special Schools) in the Social Welfare Department.	..	..	4	–	4
(*b*) *Subordinate Service* :					
15. Supervisor (Testing) in the Institute of Ceramic Technology, Virudhachalam.	..	1	1	1	3
16. Tamil Pandit Grade-I, Backward Classes Welfare Department.	..	1	2	–	3
17. Geologist, Highways and Rural Works Department.	..	2		1	3

TABLE 22,4—cont.

(1)	(2)	(3)	(4)	(5)	(6)
18. Junior Analyst, Health and . Family welfare Department	3	..	12	..	51
19. School Assistant (Maths) in the Social Welfare Department	..	1	8	3	12
20. Junior Draughtsman, Department of Statistics	14	..	22	5	41
21. Statistical Investigator, Department of Puplic Health and Preventive Medicine	..	2	8	3	13
22. Research Assistant (Zoology) and Research Assistant (Botany) Tamil Nadu Fisheries Department.	4	4	6	1	15
23. Chargeman-cum-laundry Mechanic Department of approved Schools and Vigilance.	..	..	3	..	3

24. Teachers in Secondary Schools MBC and Denotified Communities Welfare Department.	7	8	25	8	48
24. General Foreman and Technical Assistant, Tamil Nadu Motor Vehiale Maintenance Department.	11	8	30	1	50
26. B. T. Assistant, Tamil Nadu Approved Schools Subordinate Service.	2	..	4	2	8
27, Junior Engineer (Mechanical), Public Works Department.	10	..	..	..	10
28. Tester, Industries Department	6	2	7	5	20
29. Junior Chemist in the Department of Geology and Mining.	..	..	3	..	3
30. Cameraman in the Tamil Nadu Films Division.	..	..	2	..	3
Technical Assistant, Tamil Nadu Approved Schools Subordinate Service.	..	6	11	7	24

TABLE 22.4—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)
32, Radio Supervisor in the Local Administration Radio and Television Maintenance Organisation.	1	5	16	3	25

Category.	Number selected.				
	S.C./S.T.	MBC/ DNC	B.C.	O.C.	Total.
(1)	(7)	(8)	(9)	(.0)	(11)
(*a*) *State Service* :					
1. Assistant Engineer (Electrical) in the Public Works Department.	11	9	18	..	38
2. Assistant Works Manager, Tamil Nadu Stationery and Printing Department.	1	..	1	1	3
3. Assistant Engineer (Mechanical) in Public Works Department.	9	2	4	..	15
4. Horticulture Officer, Tamil Nadu Agriculture Department.	10	8	18	4	40
5. Assistant Inspector of Factories, Tamil Nadu Labour Department.	6	5	14	3	28

TABLE 22.4—*cont.*

(1)	(7)	(8)	(9)	(10)	(11)
6. Lecturer in Pharmacology in the Indian Medicine, Homoeopathy and family Welfare Department.	..	..	..	1	1
7. Assistant Engineer (Automobile) in the Tamil Nadu Fire Service State Workshop.	..	..	1	..	1
8. Assistant Professor of Psychology-cum-clinical psychology Tamil Nadu Medical service.	..	..	1	..	1
9. Fishery economist, Tamil Nadu Fisheries Service.	..	..	..	1	1
10. Agricultural Officer (Research), Tamil Nadu Agriculture Service.	25	17	3	9	82
11. Accounts Officer Grade-III, Tamil Nadu State Treasuries and Accounts Service.	1	..	..	..	1

12. Civil Assistant Surgeon, Tamil Nadu Medical Service.	106	119	278	88	591
13. Assistant Engineer (Civil) High ways and Rural Works Department.	10	11	26	..	47
14, Assistant Director (Special Schools) in the Social Welfare Department.	..	..	1	..	1
(*b*) *Subordinate Service* :					
15, Supervisor (Testing) in the Institute of Ceramic Technology, Virudhachalam,	..	1	..	..	1
16. Tamil Pandit Grade-I, Backward Classes Welfare Department,	..	1	..	..	1
17. Geologist, Highways and Rural Works Department.	..	1	..	..	1
18. Junior Analyst, Health and Family Welfare Department.	1	..	4	..	5

TABLE 22.4—Cont.

(1)	(7)	(8)	(9)	0)	(11)
19. School Assistant (Maths) in the Social Welfare Department,	..	..	1	..	1
20. Junior Draughtsman, Department of Statistics.	2	..	2	..	4
21. Statistical Investigator, Department of Public Health and Preventive Medicine.	..	..	1	..	1
22. Research Assistant (Zoology) and Research Assistant (Botany, Tamil Nadu Fisheries Department.	1	1	2	..	1
23. Chargeman-cum-laundry Mechanic Department of approved Schools and Vigilance.	..	..	1	..	1

24. Teachers in Secondary Schools MBC and Denotified Communities Welfare Department.	1	2	2	1	6
25. General Foreman and Technical Assistant, Tamil Nadu Motor Vehicles Maintenance Department.	4	3	10	..	17
26. B.T. Assistant, Tamil Nadu Approved Schools Subordinate Service.	1	..	2	..	3
27. Junior Engineer (Mechanical), Public Works Department.	5	..	..	..	5
28. Tester, Industries Department.	1	..	1	..	2
29. Junior Chemist in the Department of Geology and Mining.	..	..	1	..	1
30. Cameraman in the Tamil Nadu Films Division.	..	..	1	..	1
31. Technical Assistant, Tamil Nadu Approved Schools Subordinate Service.	..	..	1	1	2

TABLE 22.4—*cont.*

(1)	(7)	(8)	(9)	(10)	(11)
32. Radio Supervisor in the Local Administration Radio and Television Maintenance Organisation.	1	..	1	..	2

TABLE 22.4—*cont.*

B. STAFF SELECTION COMMISSION.

(Southern Region)

Serial number and Category.	*Number of qualified applicants**			*Number Selected **		
	SC/ST.	*OC.*	*Total.*	*S,C./ST*	*OC*	*Total*
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Clerks Grade Examination, 1989.	17,681	56,489	74,173	206	757	963
2. Inspectors of Income Tax, etc. Examination 1989.	3,958	14,208	18,166	57	146	203
3. Senior Observer Examination, 1988.	180	1,372	1,552	5	28	33
4. Assistant Grade Examination, 1988.	3,551	10,811	14,362	1	3	4
5. Stenographer Examination, 1990.	516	5,342	5,858	31	136	167
6. Investigators Examination, 1990,	611	1,677	2,288	3	16	19
7. Others .. .	239	737	976	15	33	48

* For Tamil Nadu.

TABLE 22.4—*cont.*

C. BANKING SERVICE RECRUITMENT BOARD.

Serial number and Category.	*Number of qualified applicant.*				*Number selected.*			
	SC.	*ST.*	*GEN.*	*Total.*	*SC.*	*ST.*	*GEN.*	*Total.*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Recruitment of Clerks to Public Sector Banks 1990.	400	30	875	1305	99	8	260	367
Recruitment of Officers in Regional Rural Banks 1990.	11	2	43	56	3	..	10	13
Recruitment of Field Supervisors in Regional Rural Banks 1990.	10	..	35	45	2	..	6	8
Recruitment of Clorks in Regional Rural Banks 1990.	36	5	57	98	7	1	19	27

(*d*) RAILWAY RECRUITMENT BOARD.

Serial number and name of the Category.	Number of qualified applicants.	Number Selected. SC	ST	EXS	UR	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1 Junior Cashier	15	1	1	..	3	5
2 Depot Clerk II	56	4	..	..	16	20
3 Shroff	14	..	..	..	5	5
4 Pro. Assistant Station Master.	450	17	8	12	49	86
5 Clerk Grade II Accounts	2,366 (items 5–10)	21	9	9	82	121
6 Office Clerk Grade II		118	58	41	331	548
7 Trains Clerk		10	4	8	36	58
8 Commercial Clerk ..		58	37	38	176	309
9 Ticket Collector		27	10	15	97	149
10 Telephone Operator ..		..	1	..	1	2

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TABEE 22.4—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
11 Data Entry Operator ..	10	1	1	..	1	3
12 Typist (English)	113	4	1	..	15	20
13 Junior Hindi Typist ..	3	1	..	..	..	1
14 Junior Stenographer (English.)	65	2	..	..	9	11
15 Statistical Clerk	19	1	..	1	5	7
16 Junior Accounts Assistants	746	54	50	9	55	168
17 Clerk Grade I		9	..	2	42	53
18 Goods Guard		3	..	..	5	8
19 Enquiry - cum - reservation Clerk.		22	..	9	46	77
20 Laboratory Assistant (CMT)	12	..	1	1	2	4
21 Apprentice, Electrical Signal Maintainer.	124	14	2	..	30	46

22 Apprentice, Chemical and Metallurgical Assistant.	30	5	..	1	6	12
23 Apprentice, Junior Chemical and Metallurgical Assistant	9	1	1	..	1	3
24 Hindi Assistant Grade II ..	9	1	..	1	1	3
25 Diesel Assistant / Electrical Assistant.	1,482	41	10	31	224	306
26 Traffic Assistant/Commercial Assistant.	30	2	..	..	8	10
27 Apprentice, Assistant Draftsman (Mechanical).	107	9	3	1	29	42
28 Apprantice Assistant Draftsman (Electrical)	73	5	2	2	22	31
29 Apprentice, Permanent way Maistry (Civil),	11	..	..	1	3	4
30 Teacher Grade II (History (Tamil Medium)	1	..	1	..	..	1
31 Teacher Grade IV (English Medium)	34	3	1	..	10	14

TABLE 22.4—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
32 Teacher Grade IV (Tamil Medium)	19	..	2	..	6	8
33 Teacher Grade I (Commerce Engineering Medium).	7	..	..	..	1	1
34 Physical Training (Instructor).	1	..	1	..	..	1
35 Law Assistant	5	..	..	..	2	2
36 Staff Nurses	106	7	..	6	29	42
37 Pharmacist Grade III ..	53	4	..	2	13	19
38 Health and Malaria Inspector Grade IV.	17	1	1	2	2	6
39 ECG Technician	6	..	..	..	2	2
40 Radiographer Grade III ..	8	..	..	1	4	5
41 Lady Health Visitor ..	1	..	1	..	..	1

42 Physiotherapist ..	2	..	1	..	1	2
43 Laboratory Superintendent Grade III.	5	..	1	..	1	2
44 Cardiac Catheterisation Laboratory Technician.	3	..	..	..	1	1
45 Apprentice, Draftsman 'B' (Mechanical).		2	..	1	4	7
46 Apprentice Train Examiner		10	..	1	31	42
47 Neutral Train Examiner ..		..	..	..	4	4
48 Apprentice, Mechanical .. (Diesel Mechanic).		..	..	1	5	6
49 Apprentice, Mechanical (TMO Mechanical).		2	..	..	5	7
50 App. Mech (Diesel Electrical).	247	2	..	1	2	5
51 App. Mech (TMO Electrical).		1	2	..	4	7
52 Apprentice Assistance Tele Communication Inspector Grade III		..	6	2	..	8
53 Apprentice Assistant Signnal Inspector Grade III		..	..	2	..	2
54 Trainee Depot Store Keeper Grade III		4	2	3	15	24

TABLE 22.4—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
55 Chargeman B Mill wright (Mech)	6	..	..	2	..	2
56 Chargeman B (Electrical)	5	..	..	2	..	2
57 Apprentice, Mech (Mechanical)	38	..	14	..	..	14
58 Design Assistant Mechanical and Electrical	52	3	1	..	7	11
59 Catering Supervisor, Grade I	3	..	..	..	1	1
60 Head Design Assistant (Mechanical)		2	1	..	5	8
61 Apprentice Assistant Shop Superintendent (Mechanical)		2	..	1	10	13
62 Apprentice, Chief Train Examiner		1	1	..	6	8
63 Apprentice, Head Draftsman (Mechanical)		..	..	..	3	[illegible]

64 Apprentiee, Foreman Grade I (TMO) Electrical	92	1	..	..	..	1
65 Apprentiee, Foreman Grade I (TMO) Mechanical		..	..	..	1	1
66 Apprentice Signal Inspector Grade I		1	..	..	..	1
67 Apprentiee Telecommunication Inspector Grade I	3	1	1	..	..	2
68 Apprentice Deputy Shop Supt, (Mechanical)	3	1	..	..	..	1
69 Apprentice Deputy Shop Superintendent (Electrical)	15	..	4	..	..	4
70 Apprentice Head 'D' Man (S and T)	9	1	1	..	..	2
71 Head Design Assistant (Electrical)	4	..	..	..	1	1

TABLE 22.4—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)	(7)
72 Foreman (Press II) ..	3	1	..	..	..	1
TOTAL ..		481	241	209	1,476	2,407

Source : Chairman, Tamil Nadu Public Service Commission, Madras.
Chairman, Staff Selection Commission, Madras.
Chairman, Banking Service Recruitment Board, Madras.
Chairman, Railway Recruitment Board, Madras.

TABLE 22.5.

OVERSEAS EMPLOYMENT.—1990-91

Serial number.	*Type of Employment Exchanges.*	*Number of persons on the Live Register in the beginning of this year.*	*Number of persons registered during the year.*	*Placements during the year.*	*Ngmber of persons remaining at the end of the year.*
(1)	(2)	(3)	(4)	(5)	(6)
1.	Overseas Manpower Corporation Limited, Madras-600 004.	7,677	845	188	8,334

Source : Overseas Manpower Corporation Limited, Madras.

23. HOUSING AND BUILDING ACTIVITY.

TABLE 23.1.

DWELLING UNITS CREATED IN NEW CONSTRUCTIONS UNDER PUBLIC AND PRIVATE SECTORS BY ROOM UNITS 1989-90.

Room unit size. (1)	*Public Sector.* (2)	*Private Sector.* (3)
1. One Room Unit	8,605	4,446
2. Two Room Units	1,159	9,563
3. Three Room Units	1,405	6,763
4. Four or more Room Units	361	7,161
Total ..	11,530	27,933

Note: Includes plans sanctioned in Municipal Corporations, Municipalities and Town Panchayats.

Source: Director of Statistics, Madras.

TABLE 23.2.

BUILDING PERMITS SANCTIONED BY LOCAL BODIES 1989-90.

Authority sanctioning permits.	*Number sanctioned.*
(1)	(2)
1. Corporation (Madras)	3,327
2. All Municipalities (including Coimbatore and Madurai Corporations).	19,285
3. Town Panchayats (Having Population of 10,000 and above)	14,325
Total	36,937

Source : Director of Statistics, Madras.

TABLE 23.3.

AMOUNT INVESTED IN HOUSING AND BUILDING ACTIVITY UNDER PUBLIC SECTOR 1989–90

Year.	*Residential Rs. in '000'*	*Percentage in total.*	*Non-Residential Rs in '000'*	*Percentage to total.*	*Total Rs. in '000'*
(1)	(2)	(3)	(4)	(5)	(6)
1989-90 ..	6,90,634	62.06	4,22,294	37.94	11,12,928

Source: Director of Statistics, Madras.

TABLE 23.4.

CONSTRUCTION ACTIVITY OF TAMIL NADU HOUSING BOARD

Name of the Scheme.	*Number*	
	1989–90	1990–91
(1)	(2)	(3)
1. Low Income Group Housing Scheme Flats	6,972	6,372
2. Middle Income Group Housing Schemes	4,377	3,668
3. Slum Improvements/Clearance Tenements	..	..
4. Tamil Nadu Government Rental Housing Flats	1,038	366
5. Subsidised Industrial Housing Tenements	..	..
6. Fire Proof Tenements	..	..
7. Special Low Cost Housing Scheme (EWS)	5,998	8,966
8. Police	..	234

Source : Tamil Nadu Housing Board, Madras.

TABLE 23.5.

Construction activity of Tamil Nadu Slum Clearance Board

Item. (1)	1989-90 (2)	1990-91 (3)
1. Number of Tenements sanctioned for construction.	1,000	7,084
2. Number of Tenements constructed	1,000	3,000
3. Amount sanctioned (Rs. in lakhs)	250	1,200
4. Amount Spent (Rs. in lakhs)	250	1,471.44
5. Number of Tenements Occupied	436	1,201
6. Rent Received (Rs. in lakhs)	0,812	480.03

Source : Tamil Nadu Slum Clearance Board, Madras.

TABLE 23.6

INDEX NUMBER OF BUILDING CONSTRUCTION COST IN URBAN CENTRES BY DISTRICTS 1989–90.

Serial number and District urban centre.	*Building Construction Cost Index for.*			
	Building materials.	*Building labour.*	*Other charges.*	*Combined Index.*
(1)	(2)	(3)	(4)	(5)
1 Madras City	252.11	271.47	241.46	255
2 Kancheepuram	227.29	221.54	228.23	226
3 Cuddalore	222.34	235.99	207.73	223
4 Vellore	221.12	273.55	215.47	229
5 Salem	242.03	265.95	233.48	246
6 Dharmapuri	219.82	288.67	117.84	230
7 Coimbatore	243.00	205.49	204.95	228

TABLE 23.6—cont.

(1)	(2)	(3)	(4)	(5)
8 Erode	240.85	253.66	219.12	240
9 Tiruchirappalli	248.65	260.36	228.40	247
10 Thanjavur	230.35	269.47	216.99	236
11 Pudukkotai	214.58	239.44	209.80	218
12 Madurai	257.95	205.75	214.65	238
13 Ramanathapuram	232.47	256,62	216.28	234
14 Tirunelveli	218.05	250.91	202.[illegible]1	222
15 Nagercoil	249.67	225.32	222.59	240
16 Uthagamandalam ..	266.51	217.04	239.00	250

Source : Director of Statistics, Madras.

24. INSTITUTIONAL FINANCE

TABLE 24.1.

NUMBER OF COMMERCIAL BANK OFFICES, 1990.

Bank Group.	*New offices* — *Opened Commercial Banks during the year.*	*New offices* — *Of which opened at unbanked ceutres during the year.*	*Bank Offices at the eud the year.*
(1)	(2)	(3)	(4)
1 State Bank of India.	..	..	545
2 Associate Banks of State Bank of India.	..	..	103
3 Naionalised Banks.	24	20	2,532
4 Other Scheduled Banks	1	1	875
5 Foreign Banks	..	..	11
6 Regional Rural Banks	2	2	208
7 Non-Scheduled Banks	..	..	..
TOTAL ..	27	23	4,274

Source : Reserve Bank of India, Bombay.

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TABLE 24.2

DEPOSITS OF SCHEDULED COMMERCIAL BANKS

Serial number	Type of Deposits.	June 1989	
		Number of Accounts.	Amount (Rs. in lakhs).
(1)	(2)	(3)	(4)
1.	Current	139,5139	13,8863
2.	Savings	1,80,25869	21,82,73
3.	Term	6,05,0969	5,79,119
	Total	25,471,977	9,36,255

Source : Reserve Bank of India, Bombay.

TABLE 24.3.

OCCUPATION-WISE CLASSIFICATION OF OUTSTANDING CREDITS OF SCHEDULED COMMERCIAL BANKS.—June 1989.

Occupation.	*Number of Accounts.*	*Amount outstanding (Rs. in '000')*
(1)	(2)	(3)
A. *Agriculture*	29,16,698	16,17,2280
1. Direct Finance	28,86,450	15,16,8205
2. Indirect Finance	30,248	10,04,075
B. *Industry*—	3,15,572	4,57,02,878
1. Mining and Quarrying	683	6,58,023
2. Food Manufacturing and Processing—	5,216	34,44,668
(*a*) Rice, flour and Dal mills	1,530	3,00,810
(*b*) Sugar	80	8,81,275

TABLE 24.3—*cont.*

(1)	(2)	(3)
(*c*) Edible oils and Vanaspathi	961	2,45,500
(*d*) Tea processing	315	2 55,543
(*e*) Others	2,330	1,76,1840
3. Beverage and Tobacco	713	6,13,599
4. Textiles—	14,163	75,10,892
(*a*) Cotton Textiles	6,471	52,06,051
(*b*) Jute Textiles	66	20,650
(*c*) Other Textiles	7,626	22,84,189
5. Paper, Paper Products and Printing	5,126	18,21,943
6. Leather and Leather Products	2,604	33,04,521
7. Rubber and Rubber Products	887	5,83,841

8. Chemical and Chemical Products—	7,251	62,23,761
(*a*) Heavy Industrial Chemicals	589	8,89,472
(*b*) Fertilizers	346	29,46,314
(*c*) Drugs and Pharmaceuticals	889	5,57,365
(*d*) Others	5,427	18,30,610
9. Manufacture of Basic Minerals	251	5,01,354
10. Cement	436	6,85,617
11. Basic Metals and Metal Products –	6,447	27,04,955
(*a*) Iron and Steel	1,767	12,64,109
(*b*) Others	4,680	14,40,846
12. Engineering—	8,835	83,77,076
(*a*) Heavy Engineering	1379	24,62,375
(*b*) Light Engineering	4,203	33,16,167
(*c*) Others	3,253	25,98534

TABLE 24.3—*cont.*

(1)	(2)	(3)
13. Vehicles, Vehicle Parts and Transport Equipment	2,725	45,55,199
14. Others	2,58,518	39,03,885
15. Electricity	165	253,119
16. Construction	1,552	5,56,425
C. *Transport Operators*—	57,186	24,64,876
D. *Personal loans and Professional services*—	10,29,087	97,34,653
(1) Professional Services	239,635	10 45,588
(2) Other Services	3,21,036	32,60,825
(3) Loans for Purchase of Consumer Durable ..	80,034	3,38,121
(4) Rest of the Personal Loans	3,88,382	50,90,119

E. *Trade*—	6,11,066	89,79,113
(1) Wholesale Trade	26,678	55,65,926
(2) Retail Trade	5,84,388	34,13,187
F. *All Others*—	10,88,811	1,00,93,882
Total Bank Credit	60,18,420	9,31,47,682
Of Which : Small-Scale Industry	2,78,029	128,76,461

Source. Reserve Bank of India, Bombay.

TABLE 24.4.

ADVANCE BY PUBLIC SECTOR BANKS TOWARDS PRIORITY SECTORS. SEPTEMBFR 1989

Item.	*Number of Accounts.*	*Amount. outstanding(Rupees in lakhs).*
(1)	(2)	(3)
1. Total Priority Sector Advances—	40,30,649	37,76,77.49
i) Agriculture	27,33,681	16,64,15.64
a) Direct Finance	27,22,309	14,81,85.91
b) Indirect Finance	1,13,72	1,82,29.73
ii) Small Scale Industries	2,75,503	15,36,98.34
iii) Setting up of Industrial Estates ..	21	148.23
iv) Other Priority Sectors	10,21,444	5,74,15.28

2. Total Advances to Weaker Sections..	27,30,917	9,93,27.68
i) IRDP Beneficiaries	7,54,725	2,13,95.85
ii) DRI	4,19,827	50,68.44
iii) Small and Marginal Farmers ..	18,96,554	7,33,46.38
iv) Artisans, Village and Cottage Industries, ..	1,31,490	45,16.39
v) SC/ST Benificiaries	6,69,493	2,01,30.17
vi) SEPUP Beneficiaries	75,879	19,41.33

Source : Reserve Bank of India, Bombay.

25. INSURANCE.

TABLE 25.1

LIFE INSURANCE IN TAMIL NADU 1990–91.

Items (1)	*Office/Region.* (2)	*Number.* (3)
1. Others ..	(*a*) Branch Offices	133
	(*b*) Sub-Offices .. .	..
	(*c*) Development Centres	..
2. Agents:	..	38,932
3. Individual Business :		
(*a*) Policies Issued ..	Rural	16,88,780
	Urban	24,52,970
	Total	41,41,750

(*b*) Sum Assured (Rs. in Crores) ..	Rural	31,82,39
	Urban	57,46,51
	Total	89,28,90

Source : The Zonal Manager, South Zone Life Insurance Corporation of India, Madras.

TABLE 25-2.

INVESTMENT OF THE LIFE INSURANCE CORPORATION OF INDIA.
IN TAMIL NADU, 1990–91.

Item. (1)	*Amount (Rupees in Crores.)* (2)
1 State Government Securities	19.00
2 Municipal Securities	..
3 Land Development Bank Debentures	1.30
4 State Electricity Board-Bonds	15.01
5 State Electricity Board-Loans	51.25
6 Tamil Nadu Industrial Investment Corporation-Bonds	3.00
7 Loans to State Government for Housing Schemes	13.73
8 Loans to Municipal Committees, Loans to Jilla Parishads for Rural piped water supply schemes.	26.53

9	Loans to Anaz Co-operative Housing Finance Society	30.00
10	Loans to State Road Transport Corporations	..
11	Loans to Sugar Co-operative Societies	..
12	Loans to Co-operative Industrial Estates	..
13	Shares and Debentures of Companies (Including loans to companies)...	97.31
	Total	257.13

Source : Life Insurance Corporation of India, Madras.

TABLE 25-3.

POSTAL LIFE INSURANCE. 1990–91.

Serial number and items. (1)	*Number.* (2)
1. Number of Postal Life Insurance Development Officers	14
2. Number of Field Officers	14
3. *Business*—	
(*a*) Policies Issued	16,048
(*b*) Sum Assured (Rupees. in Crores)	42.61

Source : Post Master General, Tamil Nadu Circle, Madras.

TABLE 25-4.

POSTAL LIFE ISURANCE BUSINESS, 1990-91.

Serial number.	*Category.*	*Number. of* Policies	*Sum assured (Rupees in ' 000 ')*
(1)	(2)	(3)	(4)
A. Endowment Assurances Polices—			
1	Postal	2,096	48,585
2	Civil-	2,811	63,220
3	Military	672	15,185
4	Bank	171	5,665
5	Railways	963	24,785
6	Communication	270	5,675
7	Union	1,270	31,635

TABLE 25-4—*cont.*

(1)	(2)	(3)	(4)
8	State	2,573	59,165
9	CC	122	3,540
10	US	1,860	57,520
11	UC	1,801	50,320
12	CS	1,149	51,640
B. Anticipatory Endowment Assuarone Pelicies—			
1	Postal	66	1,105
2	Civil	62	1,780
3	Bank	38	1,165
4	Railways	15	480
5	Tele-Communication	5	130

6	Union	31	700
7	State	24	805
8	CC	5	260
9	US	27	480
10	UC	48	1360
11	CS	29	860
	Total	16,048	4,26,060

Source : Post Master General, Tamil Nadu Circle, Madras-2.

26. PRICE INDICES

TABLE 26.1.

INDEX NUMBERS OF WHOLESALE PRICES.

(1970—71 =100.)

Period. (1)	All Commo-dities. (2)	Primary Articles. (3)	Fuel, Power and Light. (4)	Manufa-ctured Products. (5)
1990—				
April	520.11	511.61	535.38	529.14
May	523.57	516.08	544.10	531.01
June	532.67	526.17	542.57	540.09
July	539.29	535.05	542.61	544.10
August	542.31	536.02	542.71	549.80
September	545.87	543.11	542.71	549.41

October	552.08	547.50	563.25	557.48
November	562.46	561.32	573.21	563.03
December	575.02	566.92	580.61	584.29
1991—				
January	590.00	576.24	634.29	603.17
February	591.02	574.85	634.75	607.13
March	586.06	570.57	634.77	600.99

Source : Director of Statistics, Madras.

TABLE—26.2.

CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

Period.	Madras City.		Cuddalore.		Tiruchirappalli.	
	1960=100	1982=100	1960=100	1935—36 =100	1960 =100	1982 =100
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1987 ..	735	..	776	3,657	777	..
1988 ..	808	..	844	3,977	825	..
1989 ..	860	170	884	4,166	898	180
1990—						
April ..	894	177	937	4,413	968	194
May ..	904	179	931	4,385	968	194
June ..	919	182	938	4,418	953	191

July ..	934	185	969	4,564	963	193
August ..	934	185	1013	4,771	963	193
September ..	934	185	1008	4,748	968	194
October ..	944	187	1031	4,856	988	198
November ..	975	193	1083	5,101	1028	206
December ..	985	195	1150	5,416	1023	205
1991—						
January ..	1010	200	1170	5,511	1058	212
February ..	1015	201	1180	5,558	1048	210
March ..	995	197	1154	5,435	1018	204

TABLE—26.2—*cont.*

Period.	Madurai. 1960=100	Madurai. 1982—100	Coimbatore. 1960=100	Coimbatore. 1982—100	Nagercoil. 1960=100	Nagercoil. August 1939=100	Coonoor. 1960=100	Coonoor. 1982=100
(1)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1987	761	..	762	..	885	4,436	740	..
1988	835	..	839	..	937	4,696	800	..
1989	913	173	889	166	965	4,834	864	180
1990—								
April	954	181	910	170	989	4,955	898	187
May	970	184	926	173	994	4,980	912	190
June	975	185	931	174	992	4,970	931	194
July	985	187	931	174	1,020	5,110	946	197

August	991	188	926	173	1,049	5,255	941	19
September	1007	191	936	175	1,048	5,250	936	195
October	1017	193	952	178	1,051	5,266	941	196
November	1054	200	979	183	1,111	5,566	965	201
December	1065	202	968	181	1,099	5,506	979	204
1991—								
January	1065	202	974	182	1,102	5,521	984	205
February	1049	199	1,000	187	1,125	5,636	998	208
March	1028	195	1,006	188	1,121	5,616	994	207

Source : Director of Statistics, Madras.

TABLE 26.3.

Consumer Price Index Numbers for Urban Non-Manual Employees.

(1984—85=100)

Period.	*Madras.*	*Coimbatore.*	*Madurai.*	*Salem*	*Tiruchirappalli.*
(1)	(2)	(3)	(4)	(5)	(6)
1990—					
April	159	153	157	149	155
May	161	154	157	150	156
June	162	155	158	152	157
July	164	158	161	153	159
August	165	159	162	153	160
September	166	160	164	154	161
October	167	151	167	157	163

November	171	165	172	162	168
December	173	167	173	164	169
1991—					
January	177	169	176	170	174
Bebruary	178	169	174	168	175
March	176	169	173	166	175

Source : Central Statistical Organisation, New Delhi.

TABLE 26.4.

ALL INDIA AVERAGE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS

Period.	Index.	
	1960=100	1982=100
(1)	(2)	(3)
1987	719	..
1988	787	..
1989	843	171
1990—		
April	887	180
May	897	182
June	912	185
July	932	189
August	937	190

September	942	191
October	961	195
November	976	198
December	981	199
1991—		
January	996	202
February	996	202
March	991	201

Source : Director, Labour Bureau, Simla.

TABLE 26.5.

CONSUMER PRICE INDEX NUMBERS FOR SELECTED ESSENTIAL ITEMS IN RURAL TAMIL NADU.

(1970—71 = 100)

Period. (1)	*Food.* (2)	*Fuel, Power and Light.* (3)	*Clothing.* (4)	*Others.* (5)	*Composite Index.* (6)
1990—					
April	477.15	508.50	490.49	521.41	483.52
May	479.79	520.06	499.83	512.71	486.19
June	486.62	513.60	521.70	530.96	493.88
July	489.74	511.27	523.77	539.56	497.02
August	495.06	524.57	526.36	544.62	502.70
September	497.47	528.43	537.17	538.06	504.93

October	500.63	522.32	544.93	541.86	507.78
November	518.61	548.22	551.82	537.19	523.85
December	532.64	537.83	547.59	546.99	534.95
1991					
January	541.00	559.21	556.10	551.18	543.84
February	545.91	563.52	560.36	559.74	548.97
March	534.32	563.74	563.79	562.24	540.11

Source : Director of Statistics, Madras.

TABLE 26.6

CONSUMER PRICE INDEX NUMBEBS FOR SELECTED ESSENTIAL ITEMS IN URBAN TAMIL NADU

(1970—71 = 100)

Period	*Food*	*Fuel Power and light.*	*Clothing and foot wear.*	*Miscella neous.*	*Compo-site Index.*
(1)	(2)	(3)	(4)	(5)	(6)
1990					
April	470.92	494.55	490.20	474.18	474.16
May	473.39	482.28	489.15	485.43	476.95
June	479.36	501.54	505.19	486.50	483.53
July	487.51	512.72	512.41	488.33	490.73
August	495.24	515.74	516.85	488.86	496.71
September	500.21	516.64	515.16	490.73	500.50

October	510.64	525.35	533.38	495.18	510.19
November	535.67	556.03	552.28	497.22	531.28
December	549.42	564.98	552.38	496.35	541.42
1991—					
January	556.83	574.45	557.53	500.63	548.30
February	556.14	573.99	564.71	505.28	548.98
March	542.08	577.81	573.38	508.53	540.39

Source: Director of Statistics, Madras

27. FOREIGN TRADE.

TABLE 27.1

TOTAL VALUE AND QUANTUM OF FOREIGN TRADE THROUGH THE PORTS OF TAMIL NADU 1989-90.

Serial number.	Name of the Ports.	Exports.		Imports	
		Quantiy in Tonne	Value Rupees in lakhs.	Quantity iu tonne	Value Rupees in lakhs.
(1)	(2)	(3)	(4)	(5)	(6)
Sea Port :—					
1	Madras ..	77,97,104	1,99,586(P)	62,47,957	3,46,319 (P)
2	Cuddalore ..	..	..	2,68,062	6,118
3	Nagapattinam ..	13,358	546	58,220	923

4	Tuticorin	..	4,10,167	35,808	48,92,712	57,037
5	Colachel	..	28,200	339	..	..
Air Port :—						
6	Madras	..	19,952	81,015 (P)	7,002	52,457 (P)
6	Tiruchirappalli	..	76	9	..	..
	Total	..	82 68,857	3,17,303(P)	1,14,73 953	4,62,854 (P)

Source : Administration Reports of Madras Port Trust, Tuticorin Port Trust and Tamil Nadu Port Department.

TABLE 27.2

QUANTUM OF FOREIGN TRADE THROUGH THE PORTS OF MADRAS AND TUTICORIN BY COUNTRIES OF ORIGIN AND DESTINATION 1989-90.

Port.	*Country.*	*Quantum of*	
		Exports.	*Imports.*
(1)	(2)	(3)	(4)
		(IN LAKH TONNE)	
Madras			
1	U.S.A. ..	5.85	5.52
2	U.S.S.R. ..	1.15	8.05
3	Japan ..	29.99	1.42
4	(West) Germany ..	2.24	2.36
5	(West) Europe ..	1.93	4.16
6	South America ..	..	1.03
7	East Europe ..	2.92	1.95

	8	East Africa ..	0.40	0.04
	9	West Africa ..	0.06	1.01
	10	Canada ..	0.22	0.77
	11	Other South East Asian Countries ..	2.69	4.92
	12	Others ..	30.52	31.25
		Total ..	77.97	62,48
Tuticorin	1	Coastal ..	0.12	33.77
	2	U.S.A ..	0.21	2.53
	3	Malasia ..	0.51	0.16
	4	Phillippines ..	0.84	0.14
	5	Malacca ..	0.10	..
	6	Bangladesh ..	0.49	..
	7	Korea ..	0.42	..
	8	Japan ..	0.09	..
	9	West Germany ..	0. 10	0.27

TABLE –27.2 *cont.*

(1)		(2)	(3)	(4)
10	Maldives	..	0.30	..
11	U.S.S.R.	..	0.46	0.44
12	Srilanka	..	0.13	0.47
13	Senegal	..	..	0.83
14	Tunisia	..	..	0.20
15	Spain	..	..	0.13
16	Morehead	..	..	0.11
17	Jorllaspur	..	..	0.17
18	Morocco	..	..	0.38
19	Indonesia	..	..	0.38
20	Quatar	..	..	0.13
21	Iran	..	..	0.11

22	Aljubail	..	..	0.08
23	UAE	..	..	0.72
24	Singapore	..	..	0.29
25	South America	..	..	0.24
26	Canada	..	..	0.37
27	Chile	..	..	0.20
28	Vietnam	..	..	1.04
29	Thailand	..	..	0.41
30	Jordan	..	..	1.87
31	Australia	..	..	0.78
32	Turkey	..	..	0.16
33	Mexico	..	..	0.25
34	East Germany	..	..	0.24

TABLE 27.2—*cont*,

(1)	(2)	(3)	(4)
35	Africa ..	..	0.22
	Others ..	0.33	1.04
	Total ..	4.10	48.93

Source : Administration Report, Madras Port Trust, Tuticorin Port Trust and Tamil Nadu Port Department

28. LEGISLATURE AND ELECTIONS

TABLE 28.1

GENERAL ELECTIONS, (P) TAMIL NADU ASSEMBLY

1. Electorate	
Men	20,215,120
Women	19,703,480
Total	39,918,600
2. Total number of seats	235
Seats reserved for Scheduled Castes	43
Seats reserved for Scheduled Tribes	2
General	189
Nominated by Governor	1
3. Date of General Elections	15—6—91

TABLE 28,1—*cont.*

4. Persons Voted	
Men	..
Women	..
Total	25,194,243
5. Porcentage of Persons voted	
Men	..
Women	..
Total ..	66.6

Source Joint Chief Electoral Officer, Madras.

TABLE 28.2

GENERAL ELECTIONS—LOK SABHA [P]

1.	Electorate	
	Men	20,215,120
	Women	19,703,480
	Total	39,918,600
2.	Total number of seats	39
	Seats reserved for Scheduled Castes	7
	Seats reserved for Scheduled Tribes	..
	General	32
	Nominated	..
3.	Date of Geneal Elections	15—6—91
4.	Persons voted	25,511,598

TABLE—28.2—*cont.*

Men	..	..	..	..
Women	..	..	..	..
Total	..	..	.	25,511,598
5. Percentage of persons voted				
Men	..	..	..	..
Women	..	..	..	..
Total	..	..	..	63.91

Source : Joint Chief Electoral Officer, Madras.

TABLF 28.3.

GENERAL ELECTIONS—TAMIL NADU ASSEMBLY—RESULTS AT A GLANCE.

Date of General Elections : 15– 6—91

Name of the political party.		*Number of votes secured.*	*Number of seats won.*
(1)		(2)	(3)
1 All India Anna Dravida Munnetra Kazagam.	..	10,810,060	163
2 All India Forward Block	..	..	..
3 Bharathiya Janatha Party	..	420,306	..
4 Communist Party of India	..	367,736	1
5 Communist Party of India (Marxist)	..	714,939	1
6 Dravida Munnetra Kazhagam	..	5,683,613	1
7 Anna Puratchi Thalivar Tamizhaga Munnetra Kazhagam	..	341,104	2

TABLE 28.3—*cont.*

(1)		(2)	(3)
8 Indian National Congress	..	3,867,526	61
9 Janata Dal	..	415,947	1
10 Janatha	..	50.104	..
11 Muslim League	..	76,898	..
12 P. M. K.	..	1,455,442	1
13 Independence and others	..	527,924	1
Total	..	24,731,597	232

Source : Joint Chief Electoral Officer, Madras.

TABLE 28.4.

GENERAL ELECTION—LOK SABHA—RESULTS AT A GLANCE,

Name of the political party.		*Number of votes secured.*	*Number of seats won.*
(1)		(2)	(3)
1 Indian National Congress	..	10.510,549	28
2 Communist party ot India (Marxist)	..	611,358	..
3 Communist Party of India	..	503,762	..
4 Janata Dal	..	718,222	..
5 Bharathiya Janata Party	..	406,869	..
6 Janata Party	..	40,819	..
7 All India Anna Dravida Munnetra Kazhagam.	..	4,470,542	11
8 Dravida Munnetra Kazhagam	..	5,601,597	..
9 Pattali Makkal Katchi	..	1,294,131	..

TABLE 28.4—*cont*.

(1)		(2)	(3)
10 Muslim League	..	97,660	..
11 Independence and others	..	469,009	..
Total	..	24,724,518	39

Source : Joint Chief Electoral Officer, Madras.

29. JUDICIAL ADMINISTRATION.

TABLE 29.1

JUDICIAL DIVISIONS AND ORIGINAL JURISDICTION, 1990–91.

Serial Number.	Item.	Number.
(1)	(2)	(3)
1	Judges of Chief Courts of State (Including the Chief Justice) ..	28 (a)
2	Civil Judicial Divisions	18
3	District Judges	62(b)
4	Other Judges	
	(a) Stipendiary (Sub-Judge. Chief Judical Magistrates and Additional Chief Judicial Magistrates).	116
	(b) Honorary	Nil
5	Sessions Judicial Divisions	18

TABLE 29.1—*cont.*

(1)	(2)	(3)
6	Sessions Judges	48
7	Chief Judicial Magistrates	17
8	District Munsif-*cum*-Judicial Magistrates	
	(*a*) Stipendiary	386 (c)
	(*b*) Honorary	..

NOTES :—

(*a*) One Chief Justice and 27 Puisne Judges.

(*b*) Including Principal and Additional Judges of District Courts, City Civil Court, Madras, Court of Small Causes, Madras, Tribunals, Temporary Additional District Judges and Additional Judges in the City Civil Court, Madras.

(*c*) District Munsif-*cum*-Judicial Magistrates.

Source : The Registrar, High Court, Madras.

TABLE 29.2

Results of Civil and Revenue cases in court of original Jurisdiction Civil Suit Regular 1990-91

Serial number (1)	Item (2)	Number (3)
A	*Number of suits before the Courts*	
1	Pending at the beginning of the year	2,40,032
2	Instituted during the year	1,20,287
3	Revived during the year	13,051
4	Otherwise received	7,025
	Total	3,80,395

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TABLE 29.2—*cont.*

(1)	(2)	(3)
B. Number of Suits Disposed		
(i) Ex-parte	.. ..	60,450
(ii) On admission of claims	.. ..	9,203
(iii) Compromised	.. ..	2,496
(iv) *After full trial*:		
(a) Judgment for Plaintiffs	.. ..	16,594
(b) Judgment for defendents	.. .. ..	6,843
(v) Reference to Arbitration	.. ..	9
(vi) By Transfer ..	.. ..	5,096
(vii) Otherwise disposed of (including the cases under rule 3 and 8 of under IX C. P. C. when defendent does not admit)		44,491
C. Pending at the close of the year	.. .. ..	2,35,213
D. Pending for more than one year	.. .. ..	1,56,252

Source: Office of the Registrar, High Court, Madras.

30. POLICE AND PRISON.

TABLE 30.1.

POLICE FORCE 1990.

Serial number and district.	Police Stations.	Out Posts.	Actual (Strength).		
			Local Police.	Armed Police.	Total.
(1)	(2)	(3)	(4)	(5)	(6)
1 Chengalpattu MGR (East) ..	43	5	1,616	715	2,331
2 Chengalpattu MGR (West) ..	46	11	1,249	297	1,546
3 Cuddalore	42	4	1,245	464	1,709
4 Villupuram	36	3	936	250	1,186
5 North Arcot–Ambedkar	42	9	1,540	827	2,367
6 Tiruvannamalai–Sambuvarayar	31	5	701	367	1,068

TABLE 30.1—*cont.*

(1)	(2)	(3)	(4)	(5)	(6)
7 Salem	62	3	1,651	560	2,211
8 Dharmapuri	41	6	978	348	1,326
9 Coimbatore (City) ..	9	1	741	708	1,449
10 Coimbatore (Rural) ..	40	8	1,156	314	1,470
11 Periyar	39	2	960	203	1,163
12 The Nilgiris	24	5	677	248	925
13 Trichirappalli	66	11	2,072	924	2,996
14 Thanjavur (East) ..	35	2	1,105	403	1,508
15 Thanjavur (West) ..	48	9	1 480	322	1,802
16 Pudukkottai	31	4	745	269	1,014
17 Madurai City	15	1	1,089	775	1,864
18 Madurai Rural ..	54	13	1,357	438	1,795
19 Dindigul-Anna	32	1	930	260	1,190

20 Ramanathapuram ..	36	5	883	439	1,322
21 Kamarajar	37	5	982	472	1,454
22 Pasumpon Muthuramalingam Thevar	30	7	849	339	1,188
23 Chidambaranar	35	8	1,181	381	1,562
24 Thirunelveli-Kattabomman	55	16	1,753	490	2,243
55 Kanniyakumari	28	5	881	436	1,317
26 Railway Police, Trichy	15	15	661	2	663
27 Railway Police Madras	15	12	698	5	703
28 Madras (City)	74	4	6,973	2,839	9,812
29 Tamil Nadu Special Police (Battalions)	..	..	..	..	8,203
30 Other Units (including C ID)	..	..	..	..	7,482
Total ..	1,061	180	37,089	14,095	66,869

Source: Director-General of Police, Madras.

TABLE 30.2

COGNIZABLE OFFENCES UNDER INDIAN PENAL CODE—1990.

(Including attempts)

Serial number. (1)	*Items.* (2)	*Number of cases reported.* (3)
1	Murder	2,769
2	Culpable homicide not amounting to murder	27
3	Rape	290
4	Kidnapping and Abduction	789
5	Dacoity	149
6	Robbery	546
7	Burglary	8,259

8	Thefts	27,718
9	Riots	8,138
10	Criminal Breach of Trust	662
11	Cheating	1,448
12	Counterfeiting	533
13	Miscellaneous	77,201
	Total Cognizable crime under Indian Penal Code	1,28,529

Source : Director-General of Police, Madras.

TABLE 30·3.

PRISON AND CONVICTS—1990.

Classification of Prisons.	*Number.*
(1)	(2)
(i) Central Prisons	8
(ii) State Prison for women	2
(iii) Sub-jails	116
(iv) Special Sub-Jails	3
(v) Open-air Prison	1
(vi) Fifth Garden (Salem)	1
(vii) Borstal School	1

CLASSIFICATON OF CONVICTS—1990.

Length of Sentences. (1)	*Male.* (2)	*Female.* (3)	*Total.* (4)
(i) Below one year	13,545	1,649	15,194
(ii) Above one year and not exceeding two years	631	45	676
(iii) Above two years and not exceeding five years	450	9	459
(iv) Exceeding five years and not exceeding ten years	239	2	215
(v) Exceeding 10 years	69	3	72
(vi) Life Sentence	1,086	33	1,119
(vii) Sentenced to death	11	..	11
Total ..	16,005	1,741	17,746

Source : Inspector, General of Prisons, Madras.

31 LOCAL BODIES.

TABLE 31.1.

MUNICIPAL BODIES AREA AND POPULATION BY GRADE, 1989–90.

Serial number and Classification of Municipal Councils.	*Number.*	*Area. (Sq. Km.)*	*Population in '000.*
(1)	(2)	(3)	(4)
A. Corporations	3	323	4,802
B. Municipalities—			
1. Special Grade	14	264	2,413
2. Selection Grade	11	141	986
3. First Grade	30	361	1,812
4. Second Grade	30	484	1,267
5. Third Grade	13	146	356

C. Township Committee	8	151	383
Total	109	1,870	12,019

Note ; Area and Population figures as per 1981 Census

Source ; Director of Statistics, Madras.

TABLE 31.2.

MUNSCIPAL BODIES BY DISTRICTS/GRADES—1989-90.

District. (1)	Corporation. (2)	Grade of Municipal Councils. Special. (3)	Selstion. (4)	First. (5)	Second. (6)	Third. (7)	Township Committees. (8)	Tolal. (9)
1 Madras	1	..	..	..	..	..	..	1
2 Chengalpattu—M.G.R. ..	..	..	3	3	1	1	4	12
3 South Arcot	..	..	2	1	4	—	—	7
4 North Arcot-Ambedkar ..	..	1	..	4	5	2	—	12
5 Tiruvannamalai–Sambuvarayar ..	..	..	..	..	..	—	—	—

6 Salem	..	1	1	2	4	..	1	9
7 Dharmapuri	..	..	..	2	..	..	..	2
8 Periyar	..	1	..	2	1	1	1	6
9 Coimbatore	1	2	1	1	..	..	..	5
10 The Nilgiris	..	1	..	1	..	..	..	2
11 Thanjavur	..	2	1	4	1	..	..	8
12 Tiruchirapalli	..	2	..	1	2	1	..	6
13 Pudukkottai	..	..	..	1	..	1	..	2
14 Dindigul-Anna	..	1	1	..	..	..	1	3
15 Madurai	1	..	..	1	5	1	..	8
16 Ramanathapuram	..	..	..	1	1	..	..	2
17 Kamarajar	..	..	1	4	1	..	..	6
18 Pasumpon Muthuramalinga Thevar	..	..	1	..	2	..	..	3
19 Tirunelveli-Kattabomman	..	1	..	1	3	3	1	9
20 Chidambarnar	..	1	..	1	..	..	..	2
21 Kanniyakumari	..	1	..	..	..	3	..	4
Total	3	14	11	30	30	13	8	109

Source : Director of Statistics, Madras.

TABLE 31.3.

PANCHAYAT UNIONS, VILLAGE PANCHAYATS, TOWN PANCHAYATS, AND TOWNSHIP BY DISTRICTS 1990-91

Serial number and district.	*Development. District.*	*Panchayat Union.*	*Village Panchayats.*	*Town Panchayats.*	*Townships.*
(1)	(2)	(3)	(4)	(5)	(6)
1 Chengalpattu-M.G.R. ..	2	27	1,188	43	4
2 South Arcot	2	34*	1,766	31	1
3 North Arcot-Ambedkar	1	20 }	1,618	27	—
4 Tiruvannamalai–Sambuvarayar ..	1	18 }		11	—
5 Salem	2	36	729	55	1
6 Dharmapuri	1	18	588	18	—
7 Periyar	1	20	342	61	—

8 Coimbatore	1	21	388	58	2
9 The Nilgiris	1	4	27	21	..
10 Tiruchirapalli	2	32	888	46	1
11 Thanjavur	2	34	1,451	40	1
12 Pudukkottai	1	13	498	8	..
13 Madurai	1	21	560	37	2
14 Dindigul-Anna	1	14	304	24	..
15 Ramanathapuram ..	1	11	444	8	1
16 Kamarajar	1	11	453	10	..
17 Pasumpon Muthuramalinga Thevar	1	11	438	12	..
18 Thirunelveli-Kattabomman	1	19	435	36	2
19 Chidambarnar	1	12	408	20	..
20 Kanniyakumari	1	9	88	66	1
Total	25	384	12,612	632	16

*Excluding Kalvarayan Hills.

Source ; Commissioner of Rural Development, Madras, Director of Town Panchayats, Madras.

TABLE 31.4.

REVENUE DIVISIONS, TALUKS, FIRKAS AND VILLAGES BY DISTRICTS.
1990–91

Serial number and name of district. (1)	*Revenue Division.* (2)	*Revenue Taluk* (3)	*Revenue Firka.* (4)	*Revenue Vlllages.* (5)
1 Madras	..	5	20	55
2 Chengalpattu-M.G.R.	4	13	101	2,227
3 North Arcot-Ambedkar	3	7	52	850
4 Tiruvannamalai-Sambuvarayar	2	6	52	1,861
5 South Arcot	5	13	86	2,389
6 Thanjavur	6	20	103	1,933
7 Tiruchirapalli	4	10	85	990
8 Pudukkottai	2	7	42	759

9 Mudurai	3	9	68	749
10 Dindigul-Anna	3	6	39	358
11 Ramanathapuram	2	6	35	424
12 Pasumpon Muthuramalingavar	2	6	37	497
13 Kamarajar	2	6	35	600
14 Tirunelveli-Kattabomman	3	9	56	628
15 Cuidambarnar	2	7	38	468
16 Salem	4	10	72	1,054
17 Dharmapuri	3	8	50	1,106
8 Coimbatore	3	9	50	482
19 Periyar	3	7	47	510
20 The Nilgiris	2	4	15	54
21 Kanniyakumari	2	4	18	81
Total	60	172	1,101	17,275

Source ; Special Commissioner and Commissioner for Revenue Administration, Mudras.

32. STATE FINANCE.

TABLE 32.1.

OVERALL BUDGET

Item. (1)	1989-90. (*Accounts*). (2)	1990-91. (*Revised Estimates*). (3)	1991-92. (*Budget Estimate*). (4)
	(RUPEES IN LAKHS)		
1. Consolidated Fund			
A. Revenue Account—			
a. Receipts	4,19,978	4,97,565	5,58,503
b. Expenditure	4,55,008	5,26,632	5,95,503
c. Surplus (+) or Deficit (—) ..	(—) 35,030	(—) 29,067	(—) 37,000
B. Capital Account—			
a. Receipts	2,32,836	2,11,995	1,79,504

b. Disbursements ..	2,44,386	2,09,642	1,63,235
c. Surplus (+) or Deficit (—) ..	(—) 11,500	(+) 2,353	(+) 16,269
1. Consolidated Fund (Nett) ..	(—) 46,530	(—) 26,714	(—) 20,731
2. Contingency (Nett) ..	24,360	..	..
3. Public Account(Nett)	23,109	9,070	7,910
4. Total transactions (Nett) or Overall Budget. ..	939	(—) 17,644	(—) 12,821
5. Opening Balance	(—) 1,205	(—) 266	(—)17,910
6. Closing Balance	(—) 266	(—)17,910	(—)30,731

Sources : Budget Memorandum

TABLE 32.2.

RECEIPTS ON REVENUE ACCOUNT BY PRINCIPAL HEADS

Heads	1989-90 *Accounts.*	1990-91 *Revised Estimate.*	1991-92 (*Budget Estimate.*)
(1)	(2)	(3)	(4)
	(RUPEES IN LAKHS.)		
1. Tax Revenue (A+B) ..	3,43,629	4,03,311	4,63,806
A. Share from Central Taxes ..	94,728	10,02,92	1,09,813
i. Income Tax ..	29,950	32,68)	36,658
ii Union Excise and Additional Excise Duties	64,778	67,612	73,155
B. State's Own Tax Revenue (1to14)	2,48,901	3,03,019	3,53,993
1 Agricultural Income Tax ..	900	1,600	1,707
2 Land Revenue	1,382	1,600	1,600

3	Urban Land Tax	260	388	400
4	Stamp Duty	17,743	19,380	21,710
5	Registration Fees	3,091	3,120	3,490
6	State Excise Duties	30,182	43,047	60,017
7	General Sales Tax	1,41,904	1,72,057	1,97,458
8	Central Sales Tax	23,594	27,026	31,080
9	Taxes on Vehicles ..	19,601	22,200	23,300
10	Taxes on Goods and Passengers	98	1,600	1,680
11	Electricity Duties	527	600	650
12	Entertainment Taxes ..	6,941	7,142	7,496
13	Betting Tax	568	578	607
14	Luxury Tax	1,763	1,600	1,680
15	Sugarcane Cess	347	1,081	1,118
2	Non-Tax Revenue (A+B) ..	76,350	94,254	94,697

TABLE 32.2—*cout.*

(1)	(2)	(3)	(4)
A State's own Non-Tax Revenue ..	34,714	38,800	35,806
1 Interest Receipts	3,704	9,376	9,564
2 Dividends and Profits ..	126	220	250
3 General Services	7,013	5,972	6,497
4 Social Services	6,253	4,997	4,994
5 Economic Services	17,611	18,235	14,501
6 Fiscal Services	7	..	..
B Grants-in-aid from the Centre ..	41,636	55,454	58,891
1 Plan Grants	34,768	46,585	49,382
2 Non-Plan Grants	6,868	8,869	9,509
Total Revenue Receipts (1 + 2)	4,199,79	4,97,565	5,58,503

Source : **Budget Memorandum**

TABLE 32.3.

EXPENDITURE ON REVENUE ACCOUNT BY PRINCIPAL HEADS

Serial number and Item.	1989-90 *Accounts*	1990-91 *(Revised Estimate).*	1991-92 *(Budget Estimate).*
(1)	(2)	(3)	(4)
		(RUPEES IN LAKHS)	
A. Development Expenditure (A+B) ..	3,34,398	3,75,921	4,15,576
a. Social Services	2,05,014	2,22,955	2,46,526
1. Education	1,05,152	1,09,830	1,21,303
2 Art and Culture	1,117	1,336	1,434
3 Medical and Public Health	26,501	29,824	32,432
4 Family Welfare	4,894	5,907	6,364
5 Housing	1,551	1,893	2,174

TABLE 32.3—cont.

(1)	(2)	(3)	(4)
6 Water Supply and Sanitation ..	15,729	13,814	16,299
7 Urban Development	3,843	6'036	6,407
8 Labour and Employment	3,481	3,846	3,968
9 Welfare of SC, ST, and OBCs	11,667	12,210	13,399
10 Social Security and Welfare	14,043	12,889	12,103
11 Nutrition	13,977	22,657	26,273
12 Relief on account of Natural Calamities	1,433	1,414	3,025
13 Others	1,626	1,299	1,345
B. Economic Services	1,29,384	1,52,966	1,69,050
1 General Economic Services	20,830	26,781	31,552
2 Agriculture and Allied Activities ..	35,842	60,894	68,422

3 Rural Development	14,777	28,662	29,385
4 Special Area Programme	741	937	944
5 Irrigation and Flood Control	4,889	11,671	13,460
6 Energy	29,175	554	277
7 Industry and Minerals	12,672	9,512	9,893
8 Transport	10,287	13,685	14,868
9 Science, Technology and Environment ..	171	170	249
2. Non-Development Expenditure (C+B) ..	1,20611	1,50,711	1,79,927
A General Services	1,16, 167	1,42,119	1,68,927
1 Organs of State	5,171	4,064	5,196
2 Fiscal Services	7,864	9,299	10,178
3 Debt Services	36.348	52,824	61,123
4 Administrative Services	38,763	41,461	45.552
5 Pension and Miscellaneus General Services	28,021	34,471	46,878

TABLE 32.3—*cont.*

(1)	(2)	(3)	(4)
B. Compensation and Assignments to Local Bodies and Panchayat Raj Institu ions	4,444	8,592	11,000
Total Expenditure (1+2)	4,55,009	5,26,632	5,95,503

Source : Budget Memorandum.

TABLE 32.4.

SMALL SAVINGS BY DISTRICTS—1990–91.

(RUPEES IN CRORES.)

Serial number and name of the district. (1)	Target. (2)	Gross. (3)	Nett (4)
1 Madras	112	160.47	89.48
2 Chengaipattu-MGR	32	89.84	22.33
3 Coimbatore	40	64.49	37.19
4 Madurai	23	37.93	23.49
5 Dindugal-Anna	9	17.62	13.68
6 Salem	32	51.67	31.50
7 Thanjavur	25	50.24	19.33
8 Tiruchirappalli	22	51.44	23.49
9 Tirunelveli-Kattabomman	20	42.28	19.16

TABLE 32.4—*cont.*

(1)	(2)	(3)	(4)
10 South Arcot	16	36.35	13.16
11 North Arcot-Ambedkar	15	25.60	10.51
12 Tiruvannamalai-Sambuvarayar ..	10	18.25	10,03
13 Ramanathapuram	6	9.95	5.52
14 Pasumpon Muthu Ramalinga Thevar ..	7	11.90	6.16
15 Kamarajar	13	23.85	15.86
16 Periyar	20	30.34	17.41
17 Dharmapuri	10	14.71	7.65
18 Kanniyakumari	8	22.71	10.41
19 The Nilgiris	7	12.43	4.14
20 Pudukkottai	6	7.96	5.00
21 Chidambaranar	17	29.45	12.30
Total	450	809.98	397.80
T.Es.	..	39.26	1.19
Grand Total ..	450	849.24	398.99

Source : Director of Small Savings, Madras.

33—FIVE YEAR PLANS.

TABLE 33.1

EIGHTH FIVE YEAR PLAN—PLAN EXPENDITURE—STATE SCHEMES

Heads of delelopments.	*1989–90 accoun s.*	*7th Five Year Plan expenditure (1985–86 jo 1989–90).*	*8th Five Year Plau (proposed outlay).*
(1)	(2)	(3)	(4)
		(RUPEES IN LAKHS)	
1. Agriculture and Allied activities.	16,942	68,463	65,860
2. Co-operation	,948	5,393	4,150
3. Irrigation, Flood Control and Power.	44,718	2,06,074	3,80,000
(i) Irrigation and Flood Control.	6,358	29,224	55,000

TABLE 33.1—*cont*.

(1)	(2)	(3)	(4)
(ii) Power..	38,360	1,76,850	3,25,000
4. Rural Development	7,575	31,304	40,000
5. Industry and Minerals	13.732	50.462	47.500
6. Transport and Communications.	7.015	34.263	47,500
7. Social and Community Services.	54.549	2.29.584	3.09.400
8. Other General Economic Services.	177	1.026	1.500
9. General Services	990	5.038	4.100
Total ..	1.46.649	6.31.607	9.00,000

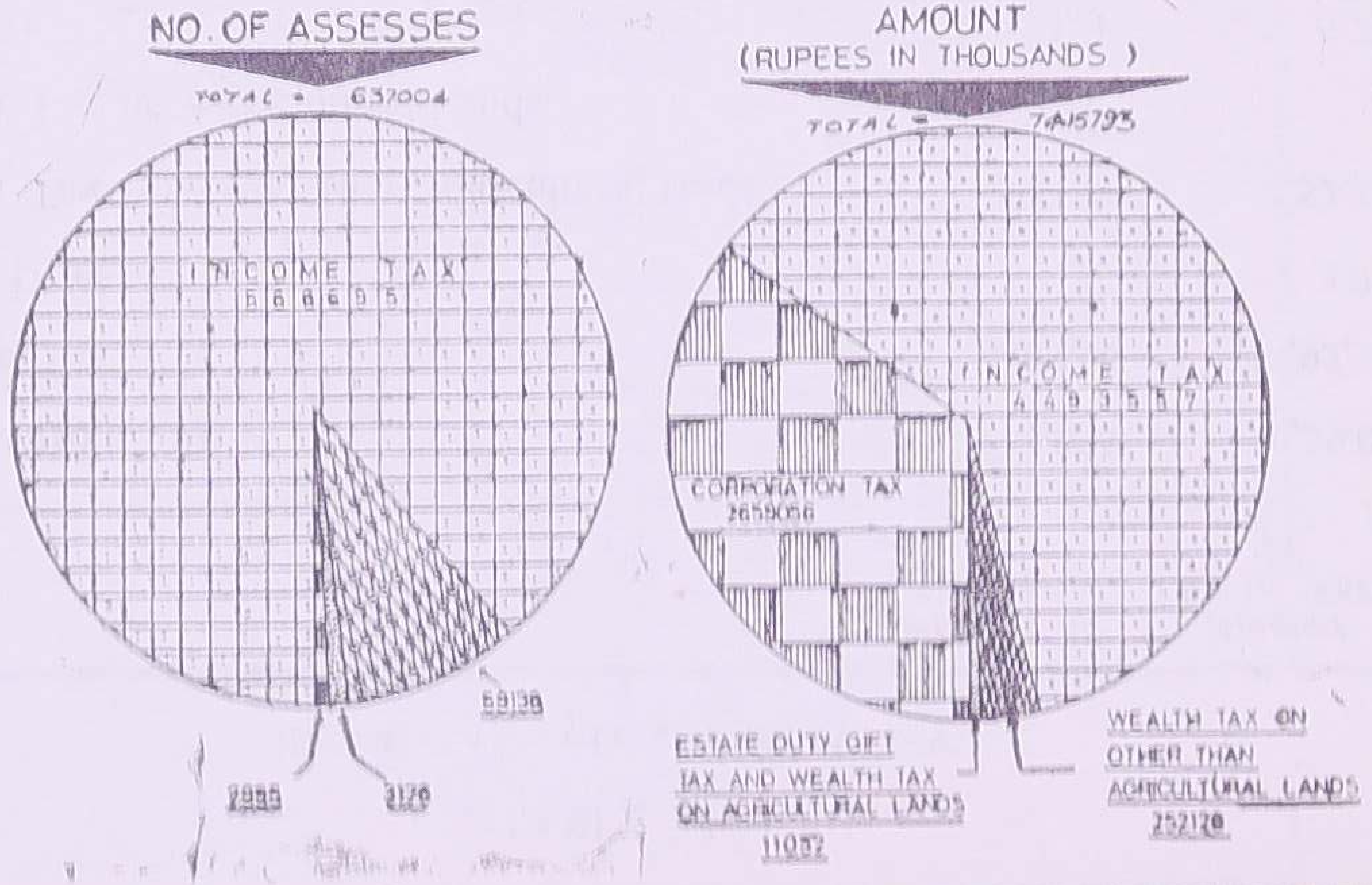
Heads of development. (1)	1990–91. RE (5)	1991–92. BE (6)
	(RUPEES IN LAKHS)	
1. Agriculture and Allied Acrivitis.	16.895	18.125
2. Co-operation	948	237
3. Irrigation. Flood Control and Power.	53.511	51.959
(i) Irrigation and Flood Control.	7.816	9.394
(ii) Power	45.695	42.565
4. Rural Development ..	7.590	7.608
5. Industry and Mineral ..	9.384	11.325
6. Transport and Communication.	8.984	9.560
7. Social and Community Services.	50.757	59.934

TABLE 33.1—cont.

(1)	(5)	(6)
8. Other General Economic Services	211	236
9. General Service	1.192	1.058
	1.48.847	1.60.042

Sourse: Budget Mmorandam and Draft Eighth Five Year Plan·

INCOME TAX COLLECTION
TAMIL NADU - 1990-91



34. INCOME TAX.

TABLE 34.1.

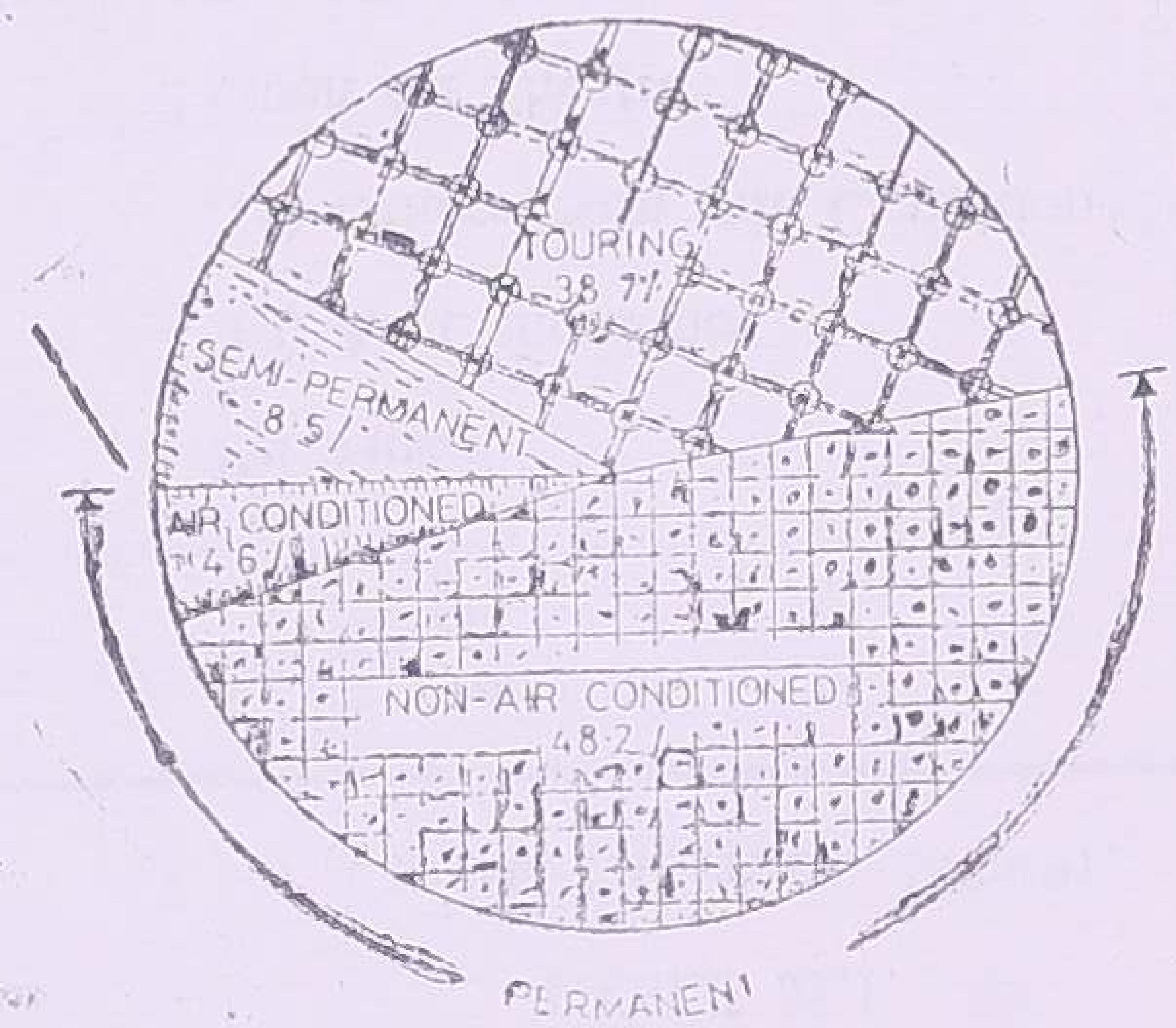
INCOME-TAX COLLECTIONS 1990-91.

Tax. (1)	Number of Assesses. (2)	Amount. (Rs. in '000's.) (3)
1 Corporation Tax	7,995	26,59,056
2 Income Tax	5,66,695	44,93,557
3 Estate Duty	..	4,737
4 Wealth Tax on other than Agricultural lands ..	59,138	2,52,128
5 Wealth Tax on Agricultural Lands	65	21
6 Gift Tax	3,111	6.294
Total ..	6.37.004	74.15.793

Source; Chief Commissioner, Income-Tax Madras.

CINEMA THEATRES IN TAMIL NADU

1990-91



35. RECREATION

TABLE 35.1.

CINEMA THEATRES 1990-91.

Type. (1)	*Number.* (2)
1 Permanent	
(*a*) Air Conditioned	127
(*b*) Others (Non Air Conditioned) ..	1,330
2 Open Air Theatre	6
3 Semi Permanent	229
4 Touring	1,068
Total ..	2,760

Source : Chief Electrical Inspector, Madras.

36. CIVIL SUPPLIES.

TABLE 36.1.

FAIR PRICE SHOPS AND OTHER SHOPS IN TAMIL NADU, 1990.

Serial number and nome of districts. (1)	Shops run by T.N.C.S.C. Rural (2)	Urban (3)	Total. (4)
1 Madras (South)	..	143	143
2 Madras (North)	..	167	167
3 Chengalpattu-MGR	5	31	36
4 North Arcot-Ambedkar	6	35	41
5 Tiruvannamalai–Sambuvarayar ..	..	3	3
6 South Arcot	..	..	..
7 Dharmapuri	43	14	57
8 Salem	20	15	35
9 Periyar	..	14	14

TABLE 36.1.—*cont.*

(1)	(2)	(3)	(4)
10 Coimbatore	1	62	63
11 The Nilgiris	..	22	22
12 Tiruchirappalli	..	24	24
13 Thanjavur	..	—	..
14 Pudukkottai	13	3	16
15 Dindigul-Anna	2	14	16
16 Madurai	..	28	28
17 Ramanathapuram	2	19	21
18 Pasumpon Muthuramalinga Thevar	..	18	18
19 Kamarajar	9	1[illegible]	25
20 Tirunelveli-Kattabomman	108	46	1[illegible]4
21 Chidambaranar	..	76	76
22 Kanniyakumari	75	22	98
Total ..	284	773	1,057

Serial number and Districts.	Shops run by R.C.S.		
	Rural.	Urban.	Total.
(1)	(5)	(6)	(7)
1 Madras South	..	337	337
2 Madras North	..	256	266
3 Chengalpattu-MGR	1,848	127	1,975
4 North Arcot-Ambedkar	7	113	120
5 Tiruvannamalai-Sambuvarayar ..	1,036	69	1,105
6 South Arcot	2,208	281	2,489
7 Dharmapuri	782	21	803
8 Salem	1,300	201	1,501
9 Periyar	738	109	847
10 Coimbatore	98	382	480

TABLE 36.1—*cont-*

(1)		(5)	(6)	(7)
11	The Nilgiris	19	100	119
12	Tiruchirappalli	1,415	..	1,415
13	Thanjavur	321	1,593	1,914
14	Pudukkottai	..	23	23
15	Dindigul-Anna	80	52	132
16	Madurai	209	203	412
17	Ramanathapuram	33	11	44
18	PasumponMuthuramalinga Thevar	38	53	91
19	Kamarajar	89	122	211
20	Tirunelveli-Kattabomman	202	96	298
21	Chidambaranar	531	..	531
22	Kanniyakumari	31	121	152
	Total	10,985	4,280	15,265

Serial number and districts. (1)	Primary Ca-op. Bank.		Other Shops.	
	Rural. (8)	Urban. (9)	Rural. (10)	Urban (11)
1 Madras South	..	..	..	95
2 Madras North	..	71	..	4
3 Chengalpattu-MGR	..	..	..	..
4 North Arcot-Ambedkar	..	..	856	106
5 Tiruvanamalai-Sambuvarayar	..	..	..	..
6 South Arcot	..	..	..	..
7 Dharmapuri	..	..	..	..
8 Salem	..	..	..	..
9 Periyar	..	..	..	..
10 Coimbatore	510	85	2	3

TABLE 36.1—*cont.*

(1)	(8)	(9)	(10)	(11)
11 The Nilgiris	45	44	10	26
12 Tiruchirappalli	..	..	..	..
13 Thanjavur	..	..	..	..
14 Pudukkottai	175	7	..	..
15 Dindigul-Anna	393	..	..	..
16 Madurai	592	100	4	..
17 Ramanathapuram	309	..	94	49
18 Pasumpon Muthuramalinga Thevar	427	14	2	..
19 Kamarajar	320	..	..	..
20 Tirunelveli-Kattabomman ..	373	18	25	..
21 Chidambaranar	..	..	11	..
22 Kanniyakumari	228	17	2	..
Total ..	3,372	356	1,006	283

Serial number and districts.	Port time shops.		Total		
	Rnral.	Urban.	Rural.	Urban.	Total.
(1)	(12)	(13)	(14)	(15)	(16)
1 Madras South .. .	..	..	..	575	575
2 Madras North	..	2	..	510	510
3 Chengalpattu-MGR ..	..	..	1.853	158	2,011
4 North Arcot-Ambedkar ..	6	81	875	335	1,210
5 Thiruvanamalai-Sambuvarayar.	37	..	1,073	72	1,145
6 South Arcot	..	..	2,208	291	2,489
7 Dharmapuri	..	..	825	35	860
8 Salem	..	..	13,20	216	1,536
9 Periyar	..	..	738	123	861
10 Coimbatore	..	..	611	532	1,143

TABLE 36-1—*cont.*

(1)	(12)	(13)	(14)	(15)	(16)
11 The Nilgiris	..	..	74	192	266
12 Tiruchirappalli	..	..	1,415	24	1,439
13 Thanjavur	59	..	380	1.593	1.973
14 Pudukkottai	558	..	746	33	779
15 Dindugal-Anna	..	..	475	66	541
16 Madurai	64	..	869	331	1.200
17 Ramanathapuram ..	..	..	438	79	517
18 Pasumpon Muthuramalinga Thevar.	..	..	467	85	552
19 Kamarajar	..	..	418	138	556
20 Tirunelveli-Kattabomman.	..	..	708	160	868
21 Chidambaranar	..	..	542	76	618
22 Kanniyakumari	..	..	336	161	497
Total ..	724	83	16.371	5,775	22,146

Source : Commissioner of Civil Supplies and Consumer protecrion, Madras.

TABLE 36.2.

QUANTUM OF ESSENTIAL COMMODITIES DISTRIBUTED AND THEIR RETAIL PRICES—1990–91.

Serial number and Commodity.	*Date of effect.*	*Area Classification.*	*Unit classification.*
(1)	(2)	(3)	(4)
1 Rice ..	1st January 1990. ..	Throughout the State ..	Adult. Children.
2 Wheat ..	With effect from 30th October 1987. ..	All districts except The Nilgiris. ..	Card.
		The Nilgiris district.	
3 Palmolein Oil ..	.. ..	.. ..	Card,
4 Sugar ..	1990 ..	Throughout the State ..	Card.
5 Kerosene ..	1985 ..	Madras City and Belt area.	

TABLE 36.2—*cont.*

(1)	(2)	(3)	(4)
		Municipalities.	
		Town Panchayats and Townships.	
		Other Rural areas.	
		Nilgiris district.	
		Headquarters and Municipal Towns.	
		Towhships and Town Panchayats.	
		Other Rural areas.	

Serial number and Commodity.	*Entitlement.*	*Retail selling price per Kg.*
(1)	(5)	(6)
1 Rice ..	4 Kgs./Month	With effect 1st March 1990.
	2 Kgs./Month or maxtmum 12 Kgs./Card/Month. From August 1990 to October 1990 an additional quantity of 5 Kgs. raw rice was alloted to family card per month besides normal entitlement, if cardholders desire to buy. Since November 1990 an additional quantity of 8 Kgs. of Raw rice was allotted to family and card per month if card holders desire to buy.	Superfine Rupees 3.50 Fine Rs. 3.00 Common Rs. 2.00 with effect from 1st October 1990 Superfine Rupees 3.25 Fine Rupees 2.75 Common Rupees 2.00 with effect from 1st December 1990 Superfine Rupees 2.50 Fine Rupees 2.50 Common Rupees 2.00.

TABLE 36.2—*cont.*

(1)	(5)	(6)
2 Wheat ..	20 Kgs, Card/Month ..	Rupees 2.20.
	30 Kgs./Card/Month.	
3 Palmolein Oil ..	Allotment made by Goverment of India. Supply is distributed to the card holders according to the quantity alloted for this state.	Rupees 13.65.
4 Sugar ..	With effect from 1st October 1989–500 grams per capita with a maximum ceiling limit of 2 Kgs./Card/Month.	With effect from 1st January 1989 Rupees 5.25/Kg.
5 Kerosene ..	10 litres/Card ..	For Madras City.
	6 litres/Card ..	With effect from 2nd April 1990 Rupees 2.30 litre.
	5 Litres/Card ..	With efiect from 3rd May 1990 Rupees 2.40/with effect from 15th October 1990.

3 Litres/Card	..	Rupees 2.95/Litre.
15 Litres/Card	..	The retail price may vary from place to place depending on the distance from the Madras City.
10 Litres/Card		
5 Litres/Card.		

Source: Commissioner of Civil Supplies and Consumer Protection, Madras.

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37. SOCIAL WELFARE

TABLE 37.1

NUTRITIOUS MEALS PROGRAMME CENTRES—1990-91.

Serial number and District.	Number of centres under. School Sector.	Social Welfare Sector.	Total.
(1)		(2)	(3)
1 Madras	..	1,081	1,081
2 Chengalpattu-MGR	2,867	2,642	5,509
3 South Arcot	3,431	3,022	6,453
4 North Arcot-Ambedkar	1,997	1,732	3,729
5 Tiruvannamalai-Sambuvarayar ..	175	1,360	3,075
6 Salem	2,314	1,898	4,212
7 Dharmapuri	2,107	1,398	3,505
8 Coimbatore	1,844	1,375	3,219

9	Periyar	1,783	1,097	2,880
10	The Nilgiris	506	320	826
11	Tiruchirappalli	3,082	1,968	5,050
12	Thanjavur	3,402	2,187	5,580
13	Pudukkottai	1,337	1,269	2,606
14	Madurai	1,985	1,564	3,549
15	Dindigal-Anna	1,451	1,000	2,451
16	Ramanathapuram	1,165	663	1,828
17	Kamarajar	1,269	857	2,126
18	Pasumpon Muthuramalinga Thevar	1,201	612	1,813
19	Tirunelveli-Kattabomman	2,033	1,032	3,065
20	Chidambaranar.	1,434	856	2,290
21	Kanniyakumari	688	696	1,384
	Total	37,611	28,629	66,231

Source : 1. Commissioner, Rural Development, Madras.
2. Director of Social Welfare, Madras.
3. Project Co-ordinator, TNIP, Madras.
4. Director, Municipal Administration, Madras.

TABLE 37.2.

NUMBER OF BENEFICIARIES UNDER NUTRITIOUS MEALS PROGRAMME—1990-91.

Serial number and District.	*Number of Beneficiaries.*		
	School Sector.	*Social Welfare Sector.*	*Total.*
(1)	(2)	(3)	4
1 Madras	..	27,086	27,086
2 Chengalpattu-MGR	5,46,888	1,24,861	6,71,749
3 South Arcot	6,70,343	3,01,616	9,71,959
4 North Arcot-Ambedkar ..	3,99,383	1,10,507	5,09,890
5 Tiruvannamalai - Sambuvarayar.	3,18,626	1,15,549	4,34,175
6 Salem	3.80,214	85,742	4,65,956
7 Dharmapuri	3,56,933	80,974	4,37,907

8	Coimbatore	2,71,478	41,061	3,12,539
9	Periyar	1,44,027	30,149	1,74,176
10	The Nilgiris	95,863	9,506	1,05,369
11	Tiruchirappalli	4,72,192	1,24'339	5,96,511
12	Thanjavur	4,91,824	91,752	5,83,396
13	Pudukkottai	2,18,313	38,196	2,56,509
14	Madurai	3,05,614	1,13,289	4,18,903
15	Dindigul Anna	2,26,648	50,920	2.77,568
16	Ramanathapuram	1,86,698	34,258	2.20,956
17	Kamarajar	1,93,019	36,653	2.2 ,672
18	Tirunelveli Kattabomman	2,92,513	50,982	3.43,495
19	Pasumpon Muthuramalinga Thevar	1,58,733	28,447	1.87,180
20	Chidambaranar	1,94,570	36,314	2.30,884
21	Kanniyakumari	2,44,940	34,107	2.79,047
	State	61,68,819	15,72,008	77.40.827

Source : 1. Commissioner, Rural Development. Madras.
2. Director of Social Welfare, Madras.
3. Project Co-ordinator, TNIP. Madras
4. Director. Municipal Administration. Madras.

TABLE 37.3

NUMBER OF BENIFICIARIES UNDER FREE SUPPLY OF TEXT BOOKS AND UNIFORMS—1990-91.

Serial number and district. (1)	Beneficiaries. Boys. (2)	Girls. (3)	Total. (4)
1 Madras	1,32,478	1,24,488	2,56,966
2 Chengalpattu-M G.R.	2,74,712	2,19,176	4,93,888
3 South Arcot	3,93,187	2,94,562	6,87,649
4 Thanjavur	3,30,314	2,78,412	6,08,726
5 Madurai	2,18,479	1,58,881	3,77,360
6 Dindigul-Anna	1,26,236	98,125	2,24,358
7 Ramanathapuram	97,367	77,285	1,74,652
8 Kamarajar	99,897	73,863	1,73,760
9 Pasumpon Muthuramalinga Thevar ..	88,721	73,098	1,61,819

10 Tirunelveli-Kattabomman	1,71,654	1,46,477	3,18,131
11 Chidambaranar	99,318	78,352	1,77,670
12 Kanniyakumari	1,28,432	1,15,173	2,43,605
13 North Arcot-Ambedkar .. .. } 14 Thiruvannamalai-Sambuvarayar ..	4,01,369	3.20,990	7,22,359
15 Salem	2,97,387	1,85,338	4,82,725
16 Dharmapuri	2,01,763	1,23,231	3,54,994
17 Tiruchirappalli	2,63,195	2,26,419	4,89,614
18 Pudukkottai	1,21,270	97,386	2,18,656
19 Coimbatore	1,41,867	1,23,689	2,65,553
20 Periyar	1,13,973	84,292	1,98,265
21 The Nilgiris	53,097	51,073	1,04,170
Total ..	37,54.716	29.80.307	67.35.023

Source : Director of School Education, Madras.

TABLE 37.4.

NUMBER OF BENEFICIARIES UNDER OLD AGE PENSION SCHEME IN TAMIL NADU—1990-91.

	District.	Old age Pension for aged.	Old age Pension for physically handicapped.	Old age Pension for widow
	(1)	(2)	(3)	(4)
1	Madras	11,481	922	14,515
2	Chengalpattu-MGR	15,546	1,731	12,365
3	North Arcot-Ambedkar	19,742	3,026	15,367
4	Tiruvannamalai -Sambuvarayar	2,075	131	1,817
5	South Arcot	17,745	2,757	16,550
6	Salem	20,699	2,425	12,076
7	Dharmapuri	11,433	962	3,581
8	Coimbatore	9,066	1,267	8,209
9	Periyar	7,497	1,077	4,712

10	Tiruchirapalli	12,175	1,820	16,267
11	Thanjavur	24,319	2,258	20,210
12	Pudukkottai	6,643	799	6,016
13	Madurai	18,394	1,412	15,678
14	Dindigul-Anna	7,388	839	5,710
15	Ramanathapuram	4,187	606	3,463
16	Kamarajar	6,079	756	4,850
17	Pasumpon Muthuramalinga Thevar	6,786	770	5,459
18	Tirunelveli-Kattabomman	9,690	1,013	4,609
19	Chidambaranar	6,226	692	3,144
20	Kanniyakumari	3,571	677	4,028
21	The Nilgiris	1,340	188	826
	Total	2 22,082	26,128	1,79,452

TABLE 37.4 —*cont.*

District. (1)	Old Age pension for deserted Agri-cultural Labours (5)	Old Age pension for deserted wives. (6)	Total. (7)
1 Madras	100	406	27,424
2 Chengalpattu-MGR	5,418	2,127	37,187
3 North Arcot-Ambedkar	6,189	2,451	46,775
4 Tiruvannamalai-Sambuvarayar	850	567	5,440
5 South Arcot	7,134	20	44,206
6 Salem	3,363	572	39,135
7 Dharmapuri	3,936	1,812	21,724
8 Coimbatore	1,660	1,942	22,144
9 Periyar	1,780	913	15,979

10 Tiruchirappalli	5,628	90	35,980
11 Thanjavur	8,926	266	55,979
12 Pudukkottai	2,328	183	15,969
13 Madurai	3,678	6,278	45,440
14 Dindigal-Anna	1,170	..	15,107
15 Ramanathapuram	2,151	308	10,715
16 Kamarajar	3,950	940	16,575
17 Pasumpon Muthuramalinga Thevar	1,966	699	15,680
18 Tirunelveli-Kattabomman	3,232	560	19,104
19 Chidambaranar	1,645	471	12,178
20 Kanniyakumari	1,298	202	9,776
21 The Nilgiris	558	..	2,912
State	66,960	20,807	5,15,429

Source : Special Commissioner and Commissioner of Revenue Administration, Madras.

TABLE—37.5.

FREE HOUSES AND HOUSE SITES DISTRIBUTED TO SCHEDULED CASTES, SCHEDULED TRIBES, DENOTIFIED COMMUNITIES MOST BACKWARD AND BACKWARD CLASSES IN TAMIL NADU—1990—91.

Serial number and District.	*Houses distributed.*				
	S.C.	*S.T.*	*DC. and M.B.C.*	*B.C.*	*Others.*
(1)	(2)	(3)	(4)	(5)	(6)
1 Madras	..	..	..	..	..
2 Chengalpattu-MGR ..	5,087	..	..	..	..
3 South Arcot ..	5,289	15	..	..	..
4 North Arcot-Ambedkar	2,520	8	..	..	..
5 Thiruvannamalai Sambuvarayar	2,300	..	..	..	..
6 Salem	3,764	58	..	..	..
7 Dharmapuri ..	1,500	58	..	..	..
8 Coimbatore	2,300	..	..	..	..

9	Periyar	1,920	..	..	..	
10	Tiruchirappalli ..	4,500	8	..	..	..
11	Thanjavur	5,800	..	..	..	..
12	Pudukkottai	1,100	..	..	..	..
13	Madurai	2,300	..	..	..	..
14	Dindigul Anna ..	2,100	73	..	..	..
15	Ramanathapuram ..	1,000	..	..	..	..
16	Kamarajar	1,100	..	..	..	..
17	Pasumpon Muthuramalinga Thevar	1,000	..	..	..	..
18	Tirunelveli Kattabomman	1,700	..	..	..	..
19	Chidambaranar ..	1,130	..	..	..	..
20	Kanniyakumari ..	400	..	..	..	..
21	The Nilgiris	400	57	..	..	..
	Total ..	47,260	277	..	..	..

TABLE 37.5—*cont.*

Serial number and District. (1)	House sites distributed. *S.C.* (8)	*S.T.* (9)	*D.C.&M.B.C.* (10)	*B.C.* (11)	*Others.* (12)
1. Madras	..	..	..	..	..
2. Chengalpattu-MGR	8,516	741	186	..	8,249
3. South Arcot	23,407	203	156	..	4,581
4. North-Arcot-Ambedkar	9,229	890	117	..	6,128
5. Tiruvannamalai-Sambuvarayar.	9,739	648	31	..	5,615
6. Salem	21,096	411	16	..	28,869
7. Dharmapuri	3,899	363	199	..	11,791
8. Coimbatore	5,356	140	1	...	5,108
9. Periyar	5,762	20	..	..	10,149
10. Tiruchirappalli	14,809	7	..	..	18,897

11. Thanjavur	11,318	..	..	..	8,845
12. Pudukkottai	11,204	..	51	..	21,940
13. Madurai	10,350	..	233	..	21,772
14. Dindigul-Anna	2,177	102	104	..	5,961
15. Ramanathapuram ..	6,385	..	2	..	6,707
16. Kamarajar	5,901	..	208	..	10,619
17. Pasumpon Muthuramalinga Thevar	4,983	..	59	..	8,168
18. Tirunelveli-Kattabomman	5,936	15	46	..	11,018
19. Chidambaranar ..	4,443	..	..	..	5,621
20. Kanniyakumari ..	594	1	..	..	624
21. The Niligiris	3,818	492	..	..	2,552
State ..	1,68,922	5,033	1,409	..	2,03,114

Source :—1. Commissioner, Rural Development, Madras.
2. Director, Adi-Dravidar and Tribal Welfare, Madras,
3. Special Commmissioner and Commissioner of Land Administration, Madras.
4. Director, Most Backward and Denotified Communities, Madras.

38. TOURISM

TABLE 38.1.

PLACES OF TOURIST ATTRACTIONS 1990—91.

Serial number and District.	*Place.*	*Importance.*	*Season.*
(1)	(2)	(3)	(4)
1. Madras ..	(*a*) Fort St George	Built by the British East India Co., Fort Museum, Clives Corner' St. Mary's Church, State Government Headquarters.	Throughout the year.
	(*b*) Santhome ..	St. Thomas Cathedral Basilica where the mortal remains of St. Thomas was burried.	Do.
	(*c*) Anna Square (Marina).	A Memorial on the marina where the great Tamil Leader Dr. C. N. Annadurai was laid to rest.	Do.

(*d*) High Court, Parry's Corner.	Indo-Saracenic style building.	Do.
(*e*) Valluvar-kottam, Nungambakkam.	Named after Thiruvalluvar, the greatest philosopher and Saint who gave Thirukkural to the world. The majestic memorial serves as an auditorium. The stone car here is a great attraction.	Do.
(*f*) Light House.	On the Marina provides a panoramic view of the city.	Do.
(*g*) Gandhi, Kamaraj and Rajaji Mandapams, Guindy.	These three Mandapams have been erected as memorials to the three great statesmen of India, viz., Gandhiji, Kamaraj and Rajaji respectively.	Do.
(*h*) Childrens Park.	Situated very near to Gandhi Mandapam, has a small collection of birds and animals.	Do.

TABLE 38.1—*cont*

Serial number and District	*Place*	*Importance.*	*Season*
(1)	(2)	(3)	(4)
1 Madras.	(*i*) Deer Park.	Unique for being the world's only sanctuary located within the Metropolitan city limits.	Throughout the year.
	(*j*) snake park.	Equally unique Snake park and reptilium are parts of the huge. Raj Bhavan Estate of the Governor.	Do.
	(*k*) Crocodile Bank on the way to Mamallapuram.	There are about 1,500 crocodiles of rare species.	Do.
2. Chengalpattu-**MGR**	(*a*) Mamallapuram	Beach Resort/Monuments	Do.
	(*b*) Kancheepuram	Pilgrim Centre, Temples, one of the seven holy cities in India. Famous for Handloom Silk Sarees.	Do.

	(c) Vedanthangal	Birds Sanctuary ..	October to March.
	(d) Thirukazhukkundram.	A place of Sacred Kites Temple Town.	Throughout the year.
	(e) Thiruthani ..	Pilgrim Centre, Subramaniar Temple.	Do.
	(f) Poondi	Picnic Spot	Do.
3. South Arcot ..	(a) Chidambaram.	Pilgrim Centre, Siva Temple	Do.
	(b) Pichavaram	Backwater with picturesque Forests.	Do.
	(c) Gingee ..	Monuments and fort.	Do.
	(d) Thiruvakkarai.	Fossil Geological Park	Do.
4 North Arcot-Ambedkar	(a) Vellore ..	Fort	Do.
	(b) Elagiri Hills	Hill Station	Do
	(c) Amirthi forest	Picnic spot ..	Do.

TABLE 38.1—*cont.*

Serial number and District (1)	*Place* (2)	*Importance* (3)	*Season* (4)
5 Tiruvannamalai-Sambuvarayar.	(*a*) Sathanur Dam.	Picnic spot ..	Throughout the year.
	(*b*) Tiruvannamalai.	Siva Temple, Ramana-Maharishi Ashram.	Do.
	(*c*) Javadu Hills	Picnic Spot	Do.
6 Salem ..	(*a*) Yercaud ..	Hill Station	April to June
	(*b*) Taramangalam	Siva Temple	Throughout the year.
	(*c*) Kolli Hills	Hill station and Water falls.	Do.
	(*d*) Namakkal	Fort and Monuments ..	Do.
	(*e*) Mettur Dam	Picnic spot ..	Do.

7 Dharmapuri ..	(*a*) Hogenekkal	Water falls ..	September to April
	(*b*) Theerthamalai	Pilgrim Centre and Water falls ..	throughout the year.
	(*c*) Krishnagiri Dam.	Picnic spot ..	Do.
8 Periyar ..	(*a*) Kasthurbagram	Ashram/Community Project Centre.	Do.
	(*b*) Kodumudi	Temple	Do.
	(*c*) Bavani Koodu-thulai.	Temple bathing ..	Do.
	(*d*) Bannari ..	Mariamman Temple ..	Do.
	(*e*) Kodumanal	Archaeological Site ..	Do.
9 Coimbatore ..	(*a*) Coimbatore ..	Industrial City known for its cotton mills.	Do.
	(*b*) Bhavanisagar	Picnic spot Dam	Do.
	(*c*) Perur ..	Siva Temple, Sculpture ..	Do.
	(*d*) Anaimalai ..	Wildlife Sanctuary ..	Do.
	(*e*) Top slip ..	Hill Station ..	Do.
	(*f*) Tirumoorthy	Temple and Hill Station ..	Do.

TABLE 38.1—*cont.*

Serial number and District. (1)	*Place.* (2)	*Importance* (3)	*Season.* (4)
10 The Nilgiris ..	(*a*) Uthagamandalam.	The queen of Hill Stations	April to June and September to October.
	(*b*) Coonoor ..	Hill Station ..	Do.
	(*c*) Kotagiri ..	Do.	Do.
	(*d*) Mudumalai	Wild life Sanctuary ..	February to November.
11 Thanjavur ..	(*a*) Thanjavur ..	The Brahadeeswara Temple the art gallery, Saraswathi Mahal Library.	Throughout the year.
	(*b*) Thiruvaiyaru	Pilgrim Centre, Birth place of Poet Thiagarajar, Siva Temple.	Do.

	(*c*) Point Calimere.	Wildlife, Birds Sanctuary	Do.
	(*d*) Kumbakonam	Temples and Handicrafts and Sculptural Production.	Do.
	(*e*) Darasuram	Monuments ..	Do.
	(*f*) Thirubuvanam.	Siva Temple ..	Do.
	(*g*) Velankanni	Catholic Church and Beach ..	Do.
	(*h*) Poompuhar	Art Gallery, Beach and Archaeological Site. ..	Do.
	(*i*) Nagoor ..	Durgah	Do.
	(*j*) Manora ..	Memorial Tower and Archaeological Site. ..	Do.
12 Tiruchirappalli	(*a*) Tiruchirappalli	Rock Fort Temple ..	Do.
	(*b*) Srirangam ..	Vishnu Temple ..	Do.
	(*c*) Thiruvanakkaval	Siva Temple ..	Do.
	(*d*) Grand Anicut	Picnic spot and Anicut Dam. ..	Do.
	(*e*) Gangaikonda—Cholapuram.	Siva Temple Sculptures, Monuments.	Do.
	(*f*) Mukkombai	Picnic Spot. ..	Do.

TABLE 38.1—*cont.*

Serial number and District. (1)	*Place.* (2)	*Importance.* (3)	*Season.* (4)
13 Pudukkottai ..	(*a*) Viralimalai	Subramaniar Temple and Peacock Sanctuary.	Throughout the year.
	(*b*) Sithannavasal	Rock-cut-Jain cave (7 A.D.) and Painting.	Do.
	(*c*) Kudumian-malai.	Siva Temple, Famous for Sculpture and inscriptions.	Do.
	(*d*) Kodumbalur	Moovar Temple, Monument and site museum.	Do
	(*e*) Narthamalai	Ancient Monuments ..	Do.
	(*f*) Avudayar koil.	Siva Temple Sculptures	Do.
	(*g*) Manamelkudi	District Excursion Centre.	Do.

14 Dindigul -Anna	(*a*) Kodaikanal	Hill station	March to June.
	(*b*) Palani ..	Pilgrim Centre (Murugan Temple.)	Throughout the year.
15 Madurai ..	(*a*) Madurai ..	Temple City, Mariamman tank, Gandhi Museum, Meenakshi Temple, Tirumalai Nayak Palace	Do.
	(*b*) Tiruparan-kundram	Murugan Temple	Do.
	(*c*) Alagarkoil	Vishnu temple	Do.
	(*d*) Vaigai Dam	Picnic spot	Do.
	(*e*) Suruli ..	Water falls	Do.
	(*f*) Yanaimalai	Cave Temple and Jain Sculpture.	Do.
	(*g*) Vinayanur ..	Picnic Spot	Do.
16 Ramanatha-puram.	(*a*) Rameswaram	Pilgrim Centre Siva Temple	Do
	(*b*) Tondi	District Excursion Centre	Do.
	(*c*) Kurusadai island	Biological station	Do.
	(*d*) Athangarani	District Excursion Centre.	Do.

TABLE 38.1—*cont.*

Serial number and District. (1)	*Place.* (2)	*Importance.* (3)	*Season.* (4)
17 Kamarajar ..	(a) Srivilliputhur	Birth Place of Sri Andal	Throughout the year.
18 Tirunelveli-Kattabomman	(*a*) Tirunelveli	Ancient Siva Temple	Do.
	(*b*) Krishnapuram	Sculptures	Do.
	(*c*) Courtallam	Water Falls	June to Sep.
	(*d*) Tenkasi	Siva Temple	Throughout the year
	(*e*) Mundanthurai	Tiger Sanctuary	June to Sep.
	(*f*) Papanasam	Water falls	Do,
	(*g*) Banatheertham	Starting Point of Tambarabarani river, Pilgrim centre.	Through out the year.
	(*h*) Uvari Beach	Seashore / Beach Resort	Do.

19 Chidambaranar	(*a*) Tiruchendur	Sea shore Temple of Murugan pilgrim centre	Through out the year
	(*b*) Panchalan-kurichi	Kattabomman Memorial Fort	Do.
	(*c*) Kazhugumalai	Jain Cave Temple	Do.
20 Kanniyakumari	(*a*) Kanniyakumari	Pilgrim land and centre, Vivekananda and Gandhi Memorials, Kumari-amman Temple, Meeting point of one Ocean and two seas, Sunrise and Sunset sights at one place.	Do
	(*b*) Circular Fort (Vattakkottai)	Picnic spot and Beach	Do.
	(*c*) Suchindram	Siva Temple and Sculpture	Do.
	(*d*) Padmanabha-puram.	Inscriptions of 9th Century A.D. Palace and Museum.	Do.

TABLE 38.1—*cont.*

Serial number and District. (1)	Distance in Km. from Madras City. By Rail. (5)	Distance in Km. from Madras City. By Road. (6)	Name of Town. (7)	Distance in Km. from the nearest town By Rail. (8)	Distance in Km. from the nearest town By Road. (9)
1 Madras ..	From Central Railway Station.				
a)	..	2.5	..	..	..
b)	..	8	..	..	..
c)	..	2.5	..	..	..
d)	..	2	..	..	..
e)	..	6.5	..	..	..
f)	..	6	..	..	..
g)	..	13	..	..	..
h)	..	13	..	..	..
i)	..	13	..	..	..
j)	..	13	..	..	..
k)	..	44	Mamallapuram	..	14

2. Chengalpa tu-MGR	a)	..	60	Chengalpattu ..	40
	b)	..	77	.. ..	..
	c)	..	87	Chengalpattu ..	35
	d)	..	72	Do. ..	25
	e)	60	65	Arakkonam ..	8
	f)	60	60	Thiruvallore. ..	20
3 South Arcot ..	a)	227	221	.. ..	..
	b)	..	300	Chidambaram ..	20
	c)	..	150	Tindivanam ..	30
	d)	.	140	Pondicherry. ..	25
4 North Arcot-Ambedkar.	a)	160	160	.. ..	..
	b)	240	255	Jolarpet ..	15
	c)	..	180	Vellore ..	20
5 Tiruvannamalai-Sambuvarayar.	a)	..	220	Tiruvannamalai ..	32
	b)	240	180	.. ..	..
	c)	..	190	Vellore ..	30

TABLE 38.1—*cont.*

Serial number and District.		Distance in Km. from Madras City.		Name of Town.	Distance in Km. from the nearest town.	
		By Rail.	By Road.		By Rail.	By Road.
(1)		(5)	(6)	(7)	(8)	(9)
6 Salem	(a)	362	400	Salem	..	28
	(b)	..	460	Salem	..	24
	(c)	..	394	Namakkal	..	48
	(d)	..	416	..	..	..
	(e)	376	407	Salem	41	40
7 Dharmapuri ..	(a)	..	334	Dharmapuri	..	46
	(b)	..	340	Harur	..	20
	(c)	..	300	Krishnagiri	..	5

8 Periyar ..	(a)	..	460	Erode	..	60
	(b)	..	400	..	..	..
	(c)	..	400	Erode	..	20
	(d)	..	400	..	..	..
	(e)	..	420	Erode	..	40
9 Coimbatore ..	(a)	492	487	..	..	..
	(b)	..	482	Erode	..	60
	(c)		522	Coimbatore	..	15
	(d)	.	590	Do.	..	30
	(e)	.	590	Do.	..	30
	(f)	..	561	Udumalpet	..	20
10 The Nilgiris ..	(a)	576	590	Coimbatore	89	89
	(b)	558	519	Udagamandalam	18	19
	(c)	..	518	Do.	..	29
	(d)	.	620	Do.	..	30

TABLE 38.1—*cont.*

Serial number and District		*Distance in Km. from Madras City.*		*Name of Town.*	*Distance in Km. from the nearest town.*	
		By Rail.	*By Road.*		*By Rail.*	*By Road.*
(1)		(5)	(6)	(7)	(8)	(9)
11 Thanjavar	(a)	351	311	..	..	..
	(b)	..	324	Thanjavur	..	13
	(c)	393	432	Vedaranyam	9	9
	(d)	313	270	Thanjavur	36	36
	(e)	317	267	Kumbakonam	..	5
	(f)	..	270	Do.	..	8
	(g)	..	348	Nagapattinam	..	14
	(h)	..	375	Mailaduthurai	..	30
	(i)	..	328	Nagapattinam	..	5
	(j)	..	376	Peravurani	..	12

12 Tiruchirappalli	(a)	337	320	....	..	..
	(b)	326	316	Tiruchirappalli	4	4
	(c)	326	316	Do.	4	4
	(d)	..	300	Do.	..	19
	(e)	..	280	Chidambaram	..	40
	(f)	..	338	Tiruchirappalli	..	18
13 Pudukkottai	(a)	..	400	Do.	..	26
	(b)	..	480	Pudukkottai	..	16
	(c)	..	370	Do.	..	30
	(d)	..	360	Do.	..	40
	(e)	..	360	Do.	..	40
	(f)	..	398	Do.	..	40
	(g)	..	428	Avudayar Koil	..	18
14 Dindigul - Anna	(a)	..	580	Madurai	..	121
	(b)	486	472	Do.	120	117

TABLE 38.1—*cont.*

Serial number and District.	Distance in Km from Madras City.		Name of Town.	Distance in Km. from the nearest town,	
	By Rail.	By Road.		By Rail.	By Road.
(1)	(5)	(6)	(7)	(8)	(9)
15 **Madurai** ..	(a) 492	444	....	..	..
	(b) 500	488	Madurai	..	8
	(c) ..	495	Do.	..	21
	(d) ..	550	Do.	..	69
	(e) ..	608	Do.	..	128
	(f) ..	430	Do.	..	14
	(g) ..	430	Do.		10
16 Ramanatha-puram.	(a) 666	624	Do.	..	..
	(b) ..	427	Thiruvadanai	..	16
	(c) 648	606	Rameswaram	..	18
	(d) ..	518	Ramanathapuram	...	18

17 Kamarajar ..	560	540	Madurai	68	60
18 Tirunelveli Kattabomman	(a) 673	640	..	..	..
	(b) ..	655	Tirunelveli	..	13
	(c) 722	603	Do.	..	56
	(d) 722	635	Courtallam	..	5
	(e) ..	690	Do.	..	52
	(f) ..	649	Ambasamudram	..	10
	(g) ..	708	Tirunelveli	..	68
	(h) ..	730	Do.	..	80
19 Chidambaranar .	(a) 711	620	Tirunelveli	68	68
	(b) ..	594	Do.	..	54
	(c) ..	690	Do.	..	51

TABLE 38·1—*cont.*

Serial number and District.		*Distance in km. from Madras City*		*Name of Town.*	*Distance in km. from the nearest town.*	
		By Rail.	*By Road.*		*By Rail*	*By Road.*
(1)		(5)	(6)	(7)	(8)	(9)
20 Kanniyakumari	(a)	1007 (via Trivan-drum.)	714	..	..	..
	(b)	..	706	Kanniyakumari	..	6
	(c)	..	713	Do.	..	13
	(d)	975	732 (via Trivan-drum)	Do.	32	32

Source : Director of Tourism, Madras.

APPENDIX

METRIC SYSTEM OF WEIGHTS AND MEASURES.

TABLE-A.

Length—

100 centimetres	..	..	1 metre.
1,000 metres	..	..	1 Kilometre.

Weight—

1,000 milligrams	..	..	1 gram.
1,000 grams	..	..	1 kilogram
100 kilogram	..	..	1 quintal
10 quintals	..	..	1 tonne.

Capacity—

1,000 millilitres		..	1 litre.
1,000 litres	..	..	1 kilolitre.

Area—

100 square metres		—	1 are.
100 ares	..	..	1 hectare or 10 000 square metres.
100 hectares	..	..	1 square kilometre.

Volume—

100 cubic centimetres		..	1 cubic metre.

TABLE—B.

1 metre	1.09 yards ; 39.4 inches.
1 kilometre	0.62 mile; 5 furlongs.
1 gram	0.04 oz.
1 kilogram	2.20 lb.
1 quintal	220.46 lb.
1 tonne	0.98 ton, 2,204.6 lb.
1 litre	0.22 gallon; 35 oz.
1 kilo litre	220 gallons.
1 are	1,076 square feet.
1 hectare	2.47 acres; 10,000 metres.
1 square kilometre ..	0.39 square mil

TABLE—C.

1 inch	25.4 millimetres.
1 foot	30.5 centimetres.
1 yard	0.91 metre.
1 mile	1.61 kilometres.
1 lb.	0.45 kilogram; 454 grams.
1 viss	1,400 grams; 1.4. kilogram.
1 ton	1.02 tonne.
1 galleri	4.55 litres.
1 acre	0.40 hectare.
1 square mile	2.59 square kilometres.

TABLE—D.

Recognised Abbreviations.

millimetre	.. .. mm.
centimetre	.. .. cm.
metre	.. .. m.
kilometre	.. .. km.
gram	.. .. g.
kilogram	.. .. kg.
quintal	.. .. q.
tonne	.. .. t.
millilitre	.. .. ml.
litre	.. .. l.
kilolitre	.. .. kl.
square metre	.. .. sq.m.
square kilometre	.. .. sq.km.
cubicmetre	.. .. cu.m.

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